

Santa Fe—show that on the 28th, a. m., at an average height of 5,700 feet, the average temperature was 50.8°; later in the day, for these stations, the average of the maxima was 67.6°, and the average for 8 p. m. was 60.8°. At an average distance of 300 miles eastward of this ridge, and especially in Kansas, the averages for Dodge City, North Platte, Amarillo, Concordia, Wichita, and Kansas City show that for an average elevation of 2,132 feet the average temperature on the 28th, a. m., was 52.3°; later in the day the average of maxima was 88.2°, and for 8 p. m. 77.7°.

The mechanical process by which the high temperatures of the 28th, in Kansas, were brought about was evidently as follows: An area of low pressure extended from Alberta southeast toward Nebraska; air was flowing toward this both from a high pressure in the region of the Upper Lakes and Hudson Bay and from a slightly higher pressure over the Rocky Mountain plateau; brisk and high westerly winds prevailed over the plateau region from British Columbia to Mexico during the 28th, evidently fed from a region of still higher pressure off the Pacific coast; the air over the plateau was pushed eastward by its own elastic expansion toward a region of low pressure, and, therefore, so long as it did not descend to any

extent, was cooled by this expansion; hence, both pressure and temperature fell over the plateau region in addition to the fall due to the advent of any still cooler air. But when these westerly winds began, on the morning of the 28th, to descend the slope into Kansas and Nebraska, they were at once warmed up by compression more than they were cooled by the expansion into the area of low pressure. This warming being added to the regular diurnal insolation and to the general effect of transfer from north to south raised the maxima of the 28th in Kansas and Missouri up to their abnormal values.

On the 29th a precisely similar process went on, except only that the descending currents were now farther east, namely, Illinois and the Ohio Valley, and having already been cooled down by radiation the general temperature effect was less intense but still decidedly marked.

By taking the difference between the averages above given for the 28th it will be seen that for a descent of 3,538 feet along the eastern slope of the plateau there was an increase of temperature of 1.5° at 8 a. m. and 16.9° at 8 p. m., but 20.8° at the time of diurnal maximum. This latter figure corresponds to a rate of increase of 1° for 170 feet descent.

METEOROLOGICAL TABLES.

[Prepared by the Division of Records and Meteorological Data.]

Table I gives, for about 130 Weather Bureau stations making two observations daily and for about 20 others making only the 8 p. m. observation, the data ordinarily needed for climatological studies, viz., the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation.

Table II gives, for about 2,400 stations occupied by voluntary observers, the extreme maximum and minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (....).

Table III gives, for about 30 Canadian stations, the mean pressure, mean temperature, total precipitation, prevailing wind, and the respective departures from normal values. Reports from Newfoundland and Bermuda are included in this table for convenience of tabulation.

Table IV gives, for 82 stations, the mean hourly temperatures deduced from thermographs of the well-known pattern manufactured by Richard Bros., Paris, described and figured in the Report of the Chief of the Weather Bureau, 1891-'92, p. 29.

Table V gives, for 67 stations, the mean hourly pressures as automatically registered by barographs of the pattern manufactured by Richard Bros., Paris, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-'92, pp. 26 and 30.

Table VI gives, for 136 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-'92, p. 19.

Table VII gives the danger points, the highest, lowest, and mean stages of water in the rivers at cities and towns on the principal rivers; also the distance of the station from the river mouth along the river channel.

Table VIII gives the maximum, minimum, and mean readings of the wet-bulb thermometer for 135 stations, as determined by observations of the whirled psychrometer at 8 a. m. and 8 p. m., daily.

The difference between mean local time and seventy-fifth meridian time is also given in the table.

Table IX gives, for 133 stations, or all that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division one may obtain the average resultant direction for that division.

Table X gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table XI gives, for 42 stations, the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table XII gives the records of hourly precipitation as reported by stations equipped with automatic gauges, of which 37 are known as float gauges and 7 as weighing rain and snow gauges.

Table XIII gives the record of excessive precipitation at all stations from which reports are received.

Table XIV gives a record of the heaviest rainfalls for periods of five and ten minutes and one hour, as reported by regular stations of the Weather Bureau furnished with self-registering rain gauges.

Additional information concerning the tables will be found in the January, 1895, REVIEW.

TABLE I.—Climatological data for Weather Bureau Stations, March, 1895.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure in inches.		Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.				Wind.		Monthly temperature data since opening station.						
			Mean pressure, 8 a.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean temperature of the dew-point.	Precipitation, in inches.	Departure from normal.	Total movement, miles.	Maximum velocity.	Average cloudiness, tenths.	Absolute maximum.	Absolute minimum.	Year.
<i>New England.</i>																					
Eastport.	78	22	29.77	29.86	-0.02	52.7	0.0	52.4	0.0	28.4	24	24	52.5	0.0	0.0	n.w.	16	12	6.3	1889	
Portland, Me.	103	24	29.79	29.90	+0.01	52.4	-1.4	46	26	36	6	17	52.0	0.0	0.1	28	8	12	5.8	1886	
Northfield.	872	9	28.98	29.99	+0.01	52.3	-1.1	45	8	32	14	15	53.7	0.0	0.1	28	11	12	5.7	1872	
Boston.	125	35	28.81	29.95	+0.00	54.6	-0.0	53	1	11	14	15	52.3	-1.7	1.7	28	18	19	5.7	1891	
Nantucket.	14	9	29.34	29.95	+0.00	53.9	-0.8	47	14	39	19	21	52.8	0.0	0.5	28	11	12	5.4	1880	
Woods Hole.	17					53.9	-1.9	46	14	39	19	21	52.8	-1.0	0.5	12	28	28	5.7	1872	
Vineyard Haven.	9					52.8	-1.6	45	1	11	21	21	52.8	-0.5	1.8	18	11	11	5.1	1880	
Block Island.	27	15	29.95	29.98	+0.02	54.8	-0.8	48	1	10	18	15	52.8	-0.7	1.5	11	11	12	5.8	1886	
Narragansett Pier.	18					52.5	-1.9	49	* 43	15	5	5	52.8	-0.8	1.4	14	14	14	5.8	1890	
New Haven.	107	23	29.86	29.98	-0.01	54.4	-0.0	52	10	41	17	25	52.8	-0.8	1.4	28	11	12	4.8	1885	
New London.	45	35	29.95	30.00	+0.03	54.8	-1.3	50	10	41	17	25	52.8	-0.8	1.5	28	11	12	5.6	1886	
<i>Mid. Atlan. States.</i>						53.8	-0.5	55	1	11	21	21	52.8	-0.8	1.8	18	11	12	5.1	1880	
Albany.	85	23	29.91	30.01	+0.02	52.7	-3.8	49	8	37	10	16	52.8	-0.8	1.8	18	10	10	5.6	1885	
New York.	185	26	29.80	30.01	+0.01	56.1	-0.8	63	1	11	16	16	52.8	-0.8	1.8	18	10	10	5.5	1890	
Harrisburg.	277	7	29.63	30.05	+0.02	55.9	-0.8	63	25	52	1	10	52.8	-0.8	1.8	18	10	10	5.5	1894	
Philadelphia.	117	25	29.89	30.02	+0.00	58.1	-0.9	64	1	11	16	16	52.8	-0.8	1.8	18	10	10	5.4	1872	
New Brunswick.	9					57.6	-1.2	60	1	11	16	16	52.8	-0.8	1.8	18	10	10	5.3	1886	
Baltimore.	179	25	29.89	30.04	+0.01	40.6	-1.5	74	1	11	21	21	52.8	-0.8	1.8	18	10	10	5.0	1878	
Washington.	113	25	29.83	30.05	+0.01	41.8	-0.4	74	1	11	21	21	52.8	-0.8	1.8	18	10	10	4.7	1894	
Cape Henry.	21					45.8	-0.7	75	1	11	21	21	52.8	-0.8	1.8	18	10	10	4.6	1884	
Lynchburg.	685	24	28.80	30.08	+0.01	45.5	-0.8	75	1	11	21	21	52.8	-0.8	1.8	18	10	10	4.5	1886	
Norfolk.	57	25	30.00	30.06	+0.02	46.8	-0.2	73	8	30	56	56	52.8	-0.8	1.8	18	10	10	4.5	1884	
<i>S. Atlantic States.</i>						53.5	-0.3	73	8	30	56	56	52.8	-0.8	1.8	18	10	10	4.5	1888	
Charlotte.	778	17	29.28	30.07	+0.02	49.2	-1.6	84	20	56	25	25	52.8	-0.8	1.8	18	10	10	5.4	1894	
Hatteras.	11	15	30.06	30.07	+0.03	47.0	-0.6	71	*	54	30	30	52.8	-0.8	1.8	18	10	10	4.7	1894	
Kittyhawk.	9	19	30.02	30.03	+0.01	49.0	-0.7	85	20	56	30	30	52.8	-0.8	1.8	18	10	10	5.8	1894	
Raleigh.	388	9	29.68	30.09	+0.03	49.0	-0.7	85	20	56	30	30	52.8	-0.8	1.8	18	10	10	5.7	1894	
Wilmington.	78	25	30.01	30.10	+0.05	53.1	-0.8	82	25	55	25	25	52.8	-0.8	1.8	18	10	10	5.6	1873	
Charleston.	52	25	30.07	30.13	+0.05	56.0	-0.7	81	28	56	24	24	52.8	-0.8	1.8	18	10	10	5.6	1890	
Columbia.	8					54.8	-0.1	85	20	56	26	26	52.8	-0.8	1.8	18	10	10	5.6	1888	
Augusta.	180	24	29.90	30.10	+0.04	54.7	-1.4	84	30	56	21	21	52.8	-0.8	1.8	18	10	10	5.6	1894	
Savannah.	95	25	30.01	30.12	+0.02	58.4	-0.4	84	31	56	21	21	52.8	-0.8	1.8	18	10	10	5.6	1878	
Jacksonville.	49	24	30.08	30.13	+0.04	62.0	-0.2	84	31	73	40	3	53	30	50	73	14	14	4.9	1882	
<i>Florida Peninsula.</i>						58.2	-0.2	84	31	73	40	3	53	30	50	73	14	14	4.9	1890	
Jupiter.	28	8	30.10	30.18	+0.03	68.7	-1.3	87	16	73	49	8	62	21	60	77	1	1	3.9	1890	
Key West.	23	25	30.11	30.13	+0.03	73.4	-0.1	81	16	77	57	4	63	78	1	1	4.9	1890			
Tampa.	26	15	30.10	30.14	+0.03	66.1	-0.6	82	31	76	40	4	57	58	2	2	2.8	1888			
Titusville.	44	8	30.10	30.14	+0.02	65.4	-0.1	87	13	74	39	4	56	57	1	1	2.8	1890			
<i>East Gulf States.</i>						57.9	-0.4	84	1	11	21	21	52.8	-0.8	1.8	18	10	10	4.7	1890	
Atlanta.	1,131	17	28.90	30.12	+0.02	51.5	-0.0	83	29	61	28	17	42	31	38	68	7.58	1	1	3.9	1890
Pensacola.	56	18	30.08	30.11	+0.01	59.2	-1.3	83	29	66	38	8	52	26	51	81	1	1	5.3	1884	
Mobile.	57	25	30.06	30.12	+0.03	58.8	-1.2	80	26	66	38	8	52	26	51	81	1	1	5.2	1890	
Montgomery.	287	23	29.88	30.11	+0.02	57.0	-0.5	86	29	67	35	17	47	34	47	75	9.14	0.1	5.7	1895	
Meridian.	388	6	29.70	30.09	+0.01	55.6	-1.1	84	26	68	35	17	47	34	46	61	0.01	4.1	1895		
Vicksburg.	284	24	29.79	30.06	+0.02	58.6	-1.2	84	26	68	35	17	47	34	46	62	0.02	4.2	1890		
New Orleans.	54	25	30.04	30.10	+0.03	62.9	-0.8	81	26	68	35	17	47	34	46	63	0.03	4.3	1890		
Port Eads.	9					60.4	-1.4	84	24	74	45	29	54	18	37	77	0.04	4.3	1890		
<i>West Gulf States.</i>						57.9	-0.9	84	24	74	45	29	54	18	37	77	0.04	4.3	1890		
Shreveport.	249	24	29.78	30.05	+0.01	58.0	-0.5	84	24	74	31	25	52	38	44	68	4.06	0.1	4.1	1890	
Fort Smith.	492	13	29.54	30.07	+0.03	50.9	-0.7	87	27	74	31	25	52	38	44	78	0.03	4.2	1895		
Little Rock.	802	12	29.70	30.07	+0.04	53.4	-1.2	84	27	74	32	25	52	38	44	78	0.03	4.2	1890		
Corpus Christi.	20	9	30.08	30.05	+0.00	68.8	-1.2	78	26	68	32	25	52	38	44	78	0.03	4.2	1890		
Galveston.	42	24	30.05	30.09	+0.04	60.0	-0.2	85	26	68	32	25	52	38	44	78	0.03	4.2	1890		
Palestine.	510	14	29.52	30.07	+0.00	58.3	-0.9	85	27	68	32	25	52	38	44	78	0.03	4.2	1890		
San Antonio.	679	18	29.38	30.06	+0.01	45.5	-1.1	85	30	73	33	25	52	38	44	78	0.03	4.2	1890		
<i>Ohio Val & Tenn.</i>						45.5	-1.1	85	30	73	33	25	52	38	44	78	0.03	4.2	1890		
Chattanooga.	768	17	29.28	30.12	+0.04	49.8	-1.2	85	30	73	33	25	52	38	44	78	0.03	4.2	1890		
Knoxville.	980	25	30.04	30.10	+0.01	47.8	-0.5	88	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Memphis.	380	25	29.73	30.09	+0.02	58.8	-0.8	87	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Nashville.	545	25	29.48	30.08	+0.03	48.8	-0.4	85	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Lexington.	939	12	29.97	30.06	+0.01	42.7	-1.7	83	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Louisville.	525	24	29.48	30.07	+0.04	44.0	-1.9	83	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Indianapolis.	766	25	29.21	30.07	+0.03	38.8	-1.1	83	30	73	34	25	52	38	44	78	0.03	4.2	1890		
Cincinnati.	628	25	29.37	30.07	+0.01	40.5	-2.0	83	30	73	34	25									

TABLE I.—Climatological data for Weather Bureau Stations, March, 1895—Continued.

Stations.	Elevation above sea-level, feet.	Length of record, years	Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Humidity and precipitation.				Wind.			Monthly temperature data since opening station.												
			Mean pressure, a.m. and p.m. + or - 2.	Mean reduced.	Mean max. and min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Greatest daily range.	Mean temperature of the dew-point.	Mean relative humidity, percent.	Precipitation, in inches.	Departure from normal.	Total movement, miles.	Miles per hour.	Prevailing direction.	Maximum velocity.	Average cloudiness, tenths.	Absolute maximum.									
			Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Cloudy days.	Clear days.	Partly cloudy days.	Absolute minimum.									
<i>Up. Miss. Val.—Coh.</i>																														
Dubuque	23	29.28	30.08	+ .02	25.5	- 2.8	86	29	47	2	14	24	48	...	0.99	- 1.5	3	...	15	8	8	86	- 12	1890						
Keokuk	613	24	29.66	30.08	+ .02	25.9	- 0.2	84	29	48	2	14	24	48	...	1.05	- 1.1	7	7,645	35	9	4.4	84	1895	- 6	1890				
Cairo	369	24	29.34	30.08	+ .02	39.4	- 0.5	84	29	49	28	30	38	26	...	2.76	- 1.6	8	6,124	38	10	7.8	84	1879	10	*				
Springfield, Ill.	644	16	29.46	30.08	+ .02	39.9	- 0.2	84	29	49	12	4	30	38	...	1.61	- 1.0	7	9,168	34	10	10	5.6	84	1895	2	1890			
Hannibal	534	24	29.46	30.08	+ .02	39.9	- 0.2	84	29	49	26	26	36	26	...	1.77	- 1.2	8	9,108	26	19	10	5.4	84	1895	...	...	
St. Louis	571	25	29.45	30.07	+ .01	44.1	- 0.8	82	29	53	15	4	35	34	...	2.82	- 0.9	18	10,187	46	5	23	17	6	8	4.5	85	1895	6	1890
<i>Missouri Valley.</i>																														
Columbia	6	29.08	30.08	+ .01	43.4	- 2.3	85	27	56	7	4	31	45	...	1.84	- 0.5	12	6,949	30	10	10	5.6	85	1895	- 6	1890				
Kansas City	963	7	29.08	30.08	+ .01	43.2	- 0.1	83	28	52	10	4	35	38	...	0.95	- 1.1	10	7,986	35	13	9	4.6	85	1895	2	1891			
Springfield, Mo.	1,386	10	28.61	30.07	+ .01	44.2	- 1.6	82	28	54	10	4	35	38	...	4.70	- 1.4	8	8,633	38	12	11	4.8	85	1895	3	1891			
Topeka	8	28.84	30.08	- .01	45.9	- 4.7	91	28	57	6	14	31	40	...	1.27	- 1.2	8	7,397	32	13	9	6	91	1895	1	1891				
Omaha	1,128	25	28.76	30.08	- .00	38.9	- 3.1	83	28	45	1	14	27	39	...	0.99	- 0.5	6	7,397	38	13	9	4.9	85	1895	1	1891			
Sioux City	1,165	6	28.76	30.08	- .00	38.9	- 3.1	83	28	45	17	57	65	50	...	0.50	- 1.0	6	9,327	43	10	10	5.6	84	1895	- 14	1891			
Pierre	1,470	20	28.42	30.04	- .05	34.1	- 3.8	84	28	41	9	13	21	47	...	1.85	- 1.2	8	8,010	40	10	10	5.6	84	1895	- 24	1891			
Huron	1,810	14	28.59	30.06	- .04	30.8	- 1.8	77	28	41	9	13	18	47	...	1.05	- 0.4	7	11,384	58	10	10	5.3	73	1894	- 24	1891			
<i>Northern Slope.</i>																														
Hayre	2,477	15	27.29	30.00	- .05	30.4	- 0.5	73	27	42	16	18	19	42	...	0.34	- 0.8	4	7,420	26	10	13	6	5.0	73	1895	- 24	1891		
Miles City	2,374	18	27.44	30.03	...	32.3	- 0.9	77	27	44	8	13	21	33	...	0.24	- 0.5	5	5,983	30	19	7	6.0	77	1895	- 25	1891			
Helena	4,108	25	27.77	30.10	+ .04	32.4	- 1.6	69	26	42	10	14	22	31	...	0.29	- 0.3	5	6,842	42	11	12	6	4.2	73	1894	- 20	1891		
Rapid City	8,280	10	26.56	30.08	- .04	31.0	- 0.7	76	27	42	8	15	20	46	...	1.95	- 1.0	14	7,268	48	14	14	6.3	73	1894	- 17	1891			
Cheyenne	6,105	25	28.90	30.14	+ .06	31.0	- 0.4	80	27	42	9	15	20	37	...	1.26	- 0.6	6	10,788	56	10	16	5	4.5	77	1879	- 17	1891		
Lander	5,877	18	24.54	30.08	+ .07	31.0	- 1.5	70	27	42	7	15	18	42	...	1.17	- 0.3	4	4,151	52	18	18	5	4.9	74	1892	- 10	1888		
North Platte	2,841	21	27.04	30.10	- .00	30.3	- 0.5	88	26	42	9	14	22	48	...	0.09	- 0.4	2	8,154	40	10	12	5	4.5	86	1879	- 21	1890		
<i>Middle Slope.</i>																														
Denver	5,287	24	24.68	30.08	+ .03	37.3	- 2.9	76	27	49	1	15	26	34	...	1.19	- 0.8	6	6,581	48	16	11	4	4.1	81	1879	- 11	1886		
Pueblo	4,734	7	25.19	30.05	...	39.3	- 2.7	73	26	46	1	14	25	46	...	0.59	- 0.1	6	6,347	42	11	16	6	4.4	88	1893	- 9	1892		
Concordia	1,410	10	28.52	30.08	- .05	41.4	- 1.9	82	26	54	14	15	28	50	...	0.44	- 1.5	5	6,901	34	19	6	4.2	93	1895	- 3	1891			
Dodge City	2,528	21	27.36	30.05	- .00	42.9	- 0.8	80	26	56	12	15	24	55	...	1.81	- 0.5	4	9,488	51	16	11	4	3.9	90	1892	3	1888		
Wichita	1,386	7	28.57	30.08	+ .01	45.8	- 0.8	91	26	58	7	14	22	43	...	1.81	- 0.7	6	8,447	44	16	20	5	3.8	91	1895	3	1888		
Oklahoma	1,239	25	26.73	30.08	...	50.0	- 0.6	90	27	52	18	37	37	36	...	0.82	- 0.2	7	9,085	42	20	22	5	3	2.9	...	...	...
<i>Southern Slope.</i>																														
Abilene	1,749	10	28.21	30.07	+ .03	55.7	- 0.8	87	26	67	20	34	44	38	...	0.15	- 1.4	5	8,800	48	19	9	14	8	5.1	92	*	17	1891	
Amarillo	3,691	24	28.30	30.05	...	46.1	- 0.8	84	26	60	7	14	32	42	...	0.16	- 1.4	4	7	52	21	11	13	7	4.9	...	...	...	...
<i>Southern Plateau.</i>																														
El Paso	3,818	17	26.17	30.04	+ .01	57.0	- 0.7	82	26	71	24	2	43	44	10	...	0.05	- 0.4	1	10,494	54	29	14	14	8	8.7	88	*	21	1880
Santa Fe	7,051	22	28.31	30.05	+ .08	39.8	- 0.9	66	27	50	19	1	30	30	12	...	0.54	- 0.1	5	5,759	45	29	17	9	5.4	88	1879	0	1880	
Tucson	2,890	12	27.51	28.99	+ .01	58.4	- 1.1	92	26	74	30	16	42	45	23	...	0.70	- 0.2	0	8,777	56	29	16	10	5	8.6	98	*	24	1894
Yuma	141	20	28.36	29.95	- .04	64.5	- 0.6	96	26	73	30	16	50	58	23	...	0.12	- 0.2	2	5,586	52	29	23	8	1	2.100	1897	31	1881	
Independence	3,950	25	25.97	30.01	...	49.2	- 1.3	76	26	61	25	14	37	35	18	...	0.12	- 0.4	2	7,311	44	20	15	10	6	3.6	...	...	...
<i>Middle Plateau.</i>																														
Carson City	4,730	8	25.26	30.08	...	41.5	- 0.7	68	26	54	14	14	28	43	17	...	0.41	- 1.0	8	7,113	52	26	28	4	2.7	73	1892	13	1890	
Winnemucca	4,340	17	26.07	30.07	+ .01	38.8	- 1.9	70	26	51	15	27	40	40	16	...	0.45	- 0.4	4	5,860	48	27	9	13	6.1	77	1879	0	1890	
Salt Lake City	4,345	21	25.62	30.10	- .00	40.8	- 1.2	76	27	50	16	15	31	31	25	...	0.81	- 1.1	7	5,886	40	27	9	13	6.1	77	1879	0	1890	
Baker City	8,480	6	26.30	29.99	- .08	37.5	- 2.9	65	26	48	5	14	28	32	26	...	1.08	- 0.8	10	4,882	48	26	18	8	4.5	65	1895	8	1893	
Idaho Falls	4,742	6	25.19	30.13	...	31.8	- 1.8	67	27	42	0	15	21	33	22	...	1.98	- 0.2	9	6,660	48	27	9	11	5.6	67	1895	- 15	1893	
Spokane	1,920	15	27.94	30.08	+ .01	39.2	- 0.5	65	27	49	10	14	30	33	25	...	0.57	- 0.8	2	5,061	30	27	1	7	8	6.5	74	- 10	1891	
Walla Walla	1,018	10	28.92	30.03	- .08	45.0	- 0.9	72	27	55	19	14	35	32	33	...	1.17	- 0.4	6	5,280	34	28	10	12	9	5.2</				

TABLE II.—*Meteorological record of voluntary and other cooperating observers, March, 1895.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Alabama.						Arkansas.						California—Cont'd.					
Alco.	86	28	59.3	Ins.	Ins.	Arkadelphia†	o	c	o	Ins.	8.20	Goshen* ^o	o	o	o	Ins.	Ins.
Ashville*†.	87	26	51.7	.....	.....	Arkansas City†	.....	.....	.....	.....	5.55	Grass Valley a	78	30	53.9	0.94	3.0
Bermuda†.	84	25	58.4	9.40	.....	Bee Branch	88	22	51.0	3.75	.....	Greenville*† ^o	67	6	38.9	5.29	31.0
Brewton†.	87	26	57.0	4.00	.....	Blanchard Springs†	85	23	54.9	4.55	.....	Haldiburg*†	68	30	50.1	4.75	.....
Carrolton*†.	73	28	55.1	8.88	.....	Brinkley†	87	26	54.8	5.85	.....	Hendersons Ranch	.....	.....	.....	2.00	.....
Citronellet†.	80	33	60.8	6.87	.....	Camden a†	85	24	54.6	6.05	.....	Hollister a	80	29	53.2	1.95	.....
Clairborne Landing†	.....	.....	.....	8.00	.....	Camden b†	85	24	54.6	5.81	.....	Hueneme	.....	.....	.....	1.68	.....
Collirene*†.	82	30	58.7	8.88	.....	Conway*†	82	28	51.1	8.17	.....	Humboldt L. H.	.....	.....	.....	7.10	.....
Cordova†.	.....	.....	.....	9.15	.....	Corning†	82	20	45.8	4.73	.....	Hydesville†	74	25	48.0	5.09	.....
Daphne†.	80	24	57.8	8.42	.....	Dallas†	84	18	51.6	4.41	.....	Indio* ^o	95	44	66.6	0.00	.....
Decatur†.	85	21	50.8	7.68	.....	Dardanelle†	.....	.....	.....	.....	.....	Iowa Hill*† ^o	76	28	48.4	4.60	2.3
Demopolis†.	.....	.....	.....	6.17	.....	Elon†	86	24	.....	7.68	.....	Jackson	68	26	45.6	3.86	1.5
Elba.	.....	.....	.....	6.49	.....	Fayetteville†	86	11	49.7	1.93	.....	Jolon	.....	.....	.....	1.68	.....
Eufaula a†.	84	31	58.8	10.39	.....	Forrest†	86	22	52.6	8.23	.....	Julian†	85	28	51.4	5.04	.....
Eufaula c†.	.....	.....	.....	11.20	.....	Fulton†	.....	.....	.....	.....	.....	Keeler* ^o	70	39	54.3	T.	.....
Florence a†.	.....	.....	.....	6.78	.....	Gaines Landing†	.....	.....	.....	.....	.....	Keene* ^o	80	34	48.6	2.40	4.0
Florence b†.	82	24	51.2	7.10	.....	Helena a†	.....	.....	.....	.....	.....	Kennedy Gold Mine	73	26	50.2	4.48	.....
Fort Deposit†.	80	28	58.0	10.98	.....	Helena b†	89	27	52.2	6.44	.....	Kernville	.....	.....	.....	1.80	.....
Gadsden†.	88	25	52.0	6.86	.....	Hot Springs a	87	25	54.2	5.82	.....	King City* ^o	84	30	59.1	1.51	.....
Greensboro†.	85	28	55.0	6.40	.....	Hot Springs b	.....	.....	.....	.....	.....	Kingburg* ^o	72	27	56.1	1.15	.....
Healing Springs†.	80	22	53.0	6.51	.....	Hot Springs (near)	.....	.....	.....	.....	.....	Kono Tayee	67	23	50.2	3.13	.....
Hightland Home†.	84	20	58.2	9.74	.....	Keesees Ferry†	91	11	48.8	8.22	.....	Lagrange* ^o	80	34	56.0	2.50	.....
Jasper†.	82	20	50.9	6.55	.....	Kirby†	84	26	53.8	8.40	.....	La Porte*† ^o	61	18	34.5	6.12	43.0
Livingston†.	86	25	55.7	5.25	.....	La Crosse†	87	16	48.4	3.73	.....	Lemoore a* ^o	79	31	54.3	1.01	.....
Lock No. 4.	.....	.....	.....	6.81	.....	Loneoke*†	85	27	55.2	8.19	.....	Lick Observatory†	64	22	42.8	1.46	8.0
Madison Station†.	84	23	52.4	7.31	.....	Luna Landing* ^o	85	20	56.5	7.37	.....	Lime Kiln	84	21	55.4	.....	.....
Maple Grove†.	86	22	53.1	7.57	.....	Madding* ^o	.....	.....	.....	.....	.....	Lime Point L. H.	.....	.....	.....	1.75	.....
Marion†.	82	26	54.9	6.93	.....	Malvern†	88	21	53.8	8.51	.....	Lodi	77	22	53.8	1.45	.....
Mount Willing†.	85	28	57.7	9.80	.....	Mossville	80	18	47.8	5.00	.....	Los Alamos†	.....	.....	.....	1.44	.....
Newbern†.	82	25	55.2	7.85	.....	Mount Nebo†	78	15	47.6	5.47	.....	Los Gatos ^b	71	26	51.8	3.96	.....
Newburg†.	85	20	52.0	7.94	.....	New Gascons* ^o	80'	20'	50.9 ^b	5.27	.....	Makaloff Mine* ^o	74	26	45.4	7.01	12.0
Oneonta†.	73	22	50.1	7.35	.....	Newport a†	89	24	52.3	6.02	.....	Mammoth Tank* ^o	95	50	64.4	T.	.....
Opelika†.	88	23	56.8	4.46	.....	Newport b†	87	23	50.5	5.86	.....	Manzana	77	22	48.0	1.86	.....
Oxanna *†.	78	26	51.4	6.93	.....	Osceola†	88	21	51.0	5.76	.....	Mare Island L. H.	.....	.....	.....	2.09	.....
Pine Apple†.	82	25	56.0	9.38	.....	Ozark†	87	19	53.3	5.11	.....	Mariposa* ^o	74	26	48.2	3.87	0.5
Pushumataha†.	87	27	58.8	6.81	.....	Pine Bluff	86	26	54.6	7.10	.....	Merced* ^o	74	36	58.8	1.17	.....
Rock Mills†.	83	27	52.0	7.55	.....	Pocahontas†	88	20	47.8	3.96	.....	Middletown*† ^o	78	27	48.8	5.87	.....
Scottsboro†.	86	23	50.9	7.21	.....	Rison†	86	12	47.2	2.27	.....	Mills College	.....	.....	.....	3.89	.....
Selma†.	.....	.....	.....	8.08	.....	Russellville†	87	22	52.0	5.23	.....	Milton (near)* ^o	81	28	56.8	2.31	.....
Starlington*†.	80	28	55.1	12.12	.....	Searcy†	88	23	54.5	4.10	.....	Modesto* ^o	78	24	49.9	1.83	.....
Sturdevant†.	.....	.....	.....	7.24	.....	Stuttgart†	88	27	52.8	6.24	.....	Mohave* ^o	88	27	51.0	1.01	.....
Tallassee Falls†.	.....	.....	.....	8.08	.....	Texarkanat†	86	26	56.8	5.29	.....	Mokelumne Hill* ^o	80	27	47.4	8.78	3.0
Tuscaloosa†.	84	25	53.1	7.30	.....	Washington†	84	28	54.3	7.82	.....	Monterey* ^o	70	28	53.8	1.94	.....
Union†.	87	23	55.4	6.06	.....	Winslow†	78	10	46.2	2.58	.....	Mountain View	.....	.....	.....	1.72	.....
Union Springs†.	83	26	56.7	10.90	.....	Witts Springs†	.....	.....	.....	.....	.....	Mount Glenwood* ^o	69	42	54.4	2.38	.....
Untontown†.	84	20	57.2	5.94	.....	Adin	65	11	37.8	1.20	11.5	Mutual Flat	.....	.....	.....	2.95	4.0
Valley Head†.	81	20	50.6	7.78	.....	Ager	74	18	44.6	1.12	1.0	Napa a	75	22	54.0	2.21	.....
Warrior†.	.....	.....	.....	8.20	.....	Agnew	76	20	51.4	2.02	.....	Needles†	91	40	62.5	0.06	.....
Wetumpka.	.....	.....	.....	7.90	.....	Arlington Heights	88	31	54.2	1.96	.....	Nevada City†	71	25	45.2	5.12	6.0
Wilsonville†.	.....	.....	.....	5.69	.....	Athlone* ^o	80	38	56.8	1.24	.....	Newcastle a†	71	30	50.2	3.42	.....
Alaska.						Barstow†	84	21	49.8	0.20	.....	Newhall* ^o	90	21	53.0	3.66	.....
Coal Harbor†.	44	1	27.2	5.65	12.8	Bear Valley†	.....	.....	.....	.....	.....	Nordhoff†	86	29	52.8	3.38	.....
Killisnoo†.	48	23	33.2	2.80	10.0	Berkeley	70	35	51.5	2.64	.....	Oakland a	71	27	50.6	2.00	.....
Arizona.						Bethany* ^o	77	27	52.8	0.45	.....	Ogliby* ^o	102	52	70.4	0.00	.....
Arizona Canal Co. Dam†.	90	36	61.1	T.	.....	Bishop†	76	17	46.2	0.47	.....	Oleta*	69	38	47.3	3.94	4.0
Benson a* ^o .	86	30	51.2	.....	Bishop Creek* ^o	80	26	51.5	0.22	4.5	Ontario b	85	40	56.6	3.72	.....
Bisbee*†.	78	31	52.2	0.00	Boca* ^o	80	7	32.2	0.45	2.5	Orangevale†	69	35	52.6	2.23	10.5	
Buckeye†.	100	29	57.0	0.00	Bodie†	56	-11	26.6	0.47	2.5	Ormonde†	70	37	49.0	2.80	.....
Calabasas†.	86	23	52.8	0.00	Bowmans Dam	.....	.....	.....	.....	.....	Oroville†	74	31	53.2	1.91	.....
Casa Grande* ^o .	95	40	62.6	0.00	Borden* ^o	80	35	57.3	0.94	4.0	Palermo†	82	34	54.5	4.27	.....
Dragon Summit* ^o	68	35	51.2	0.00	Caliente* ^o	75	40	55.6	1.67	50.0	Pasadena	82	34	54.5	4.27	.....
Dudleyville†.	95	26	54.7	0.14	Calloway Canal†	86	28	56.8	0.87	.....	Paso Robles ^b	75	26	51.8	1.28	.....
Eagle Pass* ^o .	92	23	43.6	0.06	Cape Mendocino L. H.	.....	.....	.....	.....	.....	Petaluma* ^o	73	38	53.4	2.55	.....
Farleys Camp†.	93	23	59.5	0.18	Cedarville†	68	10	38.2	0.49	7.5	Piedras Blancas L. H.	.....	.....	.....	2.38	.....
Flagstaff†.	68	13	38.5	1.70	Centerville* ^o	76	41	56.1	2.15	4.0	Pigeon Point L. H.	.....	.....	.....	1.79	.....
Fort Apache.	75	16	43.8	0.02	Chicago Park* ^o	74	26	45.5	3.81	50.0	Pilot Creek	.....	.....	.....	6.27	23.5	
Fort Grant†.	77	31	50.0	0.02	Chino* ^o	86	34	58.8	3.87	.....	Placerville ^b	68	26	45.4	4.48	T.	
Fort Huachuca.	81	27	53.0	0.04	Chico* ^o	80	40	57.0	3.67	.....	Point Arena L. H.	.....	.....	.....	4.99	.....
Gila Bend* ^o .	98	47	46.7	0.00	Cisco* ^o	45	18	33.6	5.00	.....	Point Bonita L. H.	.....	.....	.....	8.14	.....
Holbrook†.	80	15	45.2	T.	Claremont†	85	31	52.8	4.20	.....	Point Conception L. H.	.....	.....	.....	1.37	.....
Keams Canyon†.	80	15	43.0	0.09	Cloverdale* ^o	71	34	54.8	5.16	.....	Point Fermin L. H.	.....	.....	.....	2.65	.....
Mariocoopa*<																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>																	
San Bernardino†.	86	38	55.4	8.44	In.	Greeley†.	○	○	○	In.	6.0	Eustis†.	○	○	○	In.	In.
San Jacinto†.	90	30	54.6	0.99		Gunnison†.	50	-20	19.8	0.56		Federal Point†.	99	37	65.4	1.94	
San Jose†.	79	25	53.0	1.46		Holly.	.....	.....	.....	0.22		Fort Meade†.	96	38	68.3	1.57	
San Leandro†.	78	41	55.0	2.06		Holyoke a.	.....	.....	.....	0.10	1.0	Grasmere†.	96	35	65.4	1.81	
San Luis L. H.	.....	.....	.....	2.33		Holyoke b.	.....	.....	.....	0.10	1.0	Green Cove Springs†.	92	39	67.1	1.54	
San Luis Obispo a.	.....	.....	.....	2.33		Hugo ^{**} .	78	-3	35.5	.....	4.0	Homeland†.	98	38	67.3	1.37	
San Mateo ^{**} .	71	39	54.5	0.05		Hugo (near)†.	78	-3	34.8	0.28	2.0	Kissimmee†.	96	47	68.5	1.86	
San Miguel ^{**} .	81	23	52.4	1.10		Husted†.	75	-7	35.9	0.74	12.0	Lake City†.	92	43	67.0	1.40	
San Miguel Island†.	70	37	53.4	2.12		Julesburg†.	84	-10	36.8	0.03		Manatee†.	96	35	66.0	2.49	
San Rafael†.	68	30	49.6	4.06		Kit Carson†.	76	0	37.9	.....	3.5	Merrits Island†.	96	46	69.8	1.27	
Santa Ana ^{**} .	82	48	56.7	2.96		La Jara†.	70	6	36.4	0.27	1.8	Mullet Key†.	79	42	64.8	1.65	
Santa Barbara a.	78	38	53.6	1.99		Lake Moraine†.	52	-10	24.8	1.35	26.0	Myers†.	84	44	67.9	1.41	
Santa Barbara L. H.	.....	.....	.....	1.37		Lamar.	87	1	41.2	0.09		New Smyrna†.	95	35	64.2	2.38	
Santa Clara a ^{**} .	70	34	58.1	2.08		Leaporé.	.....	.....	.....	1.07	10.5	Oak Hill ^{**} .	98	47	67.1	1.21	
Santa Clara b.	80	33	52.0	2.00		Las Animas†.	81	-7	36.4	0.00		Ocals ^{**} .	96	34	64.1	1.12	
Santa Cruz b ^{**} .	79	33	54.9	3.08		Lay ^{**} .	61	-16	26.8	1.12	11.2	Orange City†.	97	34	65.6	2.04	
Santa Cruz L. H.	.....	.....	.....	2.90		Le Roy†.	79	-6	35.9	0.40	4.0	Orange Park.	94	30	61.6	2.55	
Santa Maria.	82	33	55.4	1.25		Leslie.	.....	.....	.....	0.00		Orlando†.	90	39	67.5	1.70	
Santa Monica ^{**} .	73	36	52.7	2.58		Longmont†.	78	-10	35.2	1.55	15.6	Plant City†.	99	38	67.4	1.05	
Santa Paula ^{**} .	70	30	49.4	3.18		Manhattan.	.....	.....	.....	2.60		St. Francis Barracks.	85	41	63.1	0.85	
Santa Rosa ^{**} .	89	34	58.7	2.94		Meeker†.	.....	-12	.....	1.23	16.0	Tallahassee†.	85	39	59.4	6.88	
Saticoy†.	.....	.....	.....	2.47		Minneapolis†.	87	2	42.8	0.30	2.0	Tarpon Springs†.	96	33	64.7	1.05	
Shasta Springs†.	56	18	40.6	7.30	27.0	Monte Vista.	67	0	31.8	T.		<i>Georgia.</i>					
Skye Valley.	.....	.....	.....	1.29		Moraine†.	57	-3	28.4	1.40	16.0	Adairsville†.	84	25	49.8	6.10	
Sneddens Ranch.	.....	.....	.....	1.50		Ouray†.	66	.7	31.8	2.75	27.1	Alapaha†.	83	33	58.9	5.05	
S. E. Farallone L. H.	.....	.....	.....	2.88		Pagoda (near)†.	63	-18	25.7	2.00	30.0	Albany†.	87	31	58.0	4.43	
Stanford University.	71	33	51.4	1.69		Parachute†.	75	-8	36.6	1.40	14.0	Americus†.	98	36	56.6	7.23	
Stockton a.	72	34	58.2	1.00		Pinkhamton.	.....	.....	.....	2.40		Athens a.	92	24	50.4	8.56	
Summerdale†.	.....	.....	.....	5.81		Pueblo.	.....	.....	.....	6.4		Athens b†.	93	25	51.5	7.24	T.
Susanville ^{**} †.	68	9	36.3	1.26	22.0	Rangely†.	73	-5	29.9	0.80		Atlanta.	.....	.....	.....	.....
Sutter Creek ^{**} .	68	24	45.2	2.50	15.0	Rico.	.....	.....	.....	1.81	18.1	Bainbridge b†.	95	32	59.4	4.30	
Teocate Dam ^{**} .	88	28	47.2	1.48		Rocky Ford†.	88	-3	40.1	0.08	8.82	Blakely ^{**} .	95	32	59.4	4.30	
Tehama ^{**} .	78	39	54.0	2.33		Ruby†.	.....	.....	.....	8.82	84.0	Brag†.	95	32	57.9	4.44	
Tejon Ranch.	.....	.....	.....	1.70		Saguache†.	60	2	31.8	T.		Brunswick†.	95	37	60.0	3.52	
Templeton ^{**} .	78	30	51.8	1.44		St. Cloud†.	.....	.....	.....	2.20	22.0	Camak†.	79	31	50.8	8.44	
Trinidad L. H.	.....	.....	.....	5.40		San Juan†.	56	-17	22.8	0.56	5.5	Canton†.	88	23	46.8	6.99	
Truckee ^{**} .	82	4	30.5	1.73	15.0	San Luis†.	70	0	32.8	0.27	3.1	Clayton†.	98	23	48.6	6.99	
Tulare b.	86	30	56.5	0.76		Santa Clara ^{**} †.	69	0	32.5	2.40	24.0	Columbus†.	98	29	57.8	10.60	
Tulare c.	74	29	51.8	2.11		Seiber†.	90	6	35.6	0.36	7.0	Covington.	94	25	51.7	9.56	T.
Ukiah†.	74	26	49.6	4.80		Smoky Hill Mine†.	67	-5	33.2	2.90	27.0	Dahlonge†.	92	20	48.8	7.34	
Upper Lake.	74	39	50.8	3.20		Springfield†.	.....	.....	.....	1.75		Darien†.	98	40	64.8	4.83	
Upper Mattole ^{**} .	74	30	51.8	10.30		Stamford ^{**} .	57	-2	27.8	1.15	11.5	Diamond†.	81	19	46.0	7.45	
Vacaville ^{**} †.	74	33	58.4	2.07		Spring Gulch†.	.....	.....	.....	1.30	14.0	Dublin b.	.....	.....	.....	.....
Ventura†.	85	35	58.8	3.17		Stamford†.	57	-2	24.5	0.65	9.7	Elberton†.	87	25	51.8	7.53	
Volcano Springs ^{**} .	103	48	71.0	0.00		Sulphur Springs†.	59	-21	24.5	0.80	6.0	Fleming†.	94	30	57.8	5.94	
Walnut Creek.	74	29	50.8	1.64		Surface Creek†.	73	9	37.5	0.80	4.6	Forsyth ^{**} .	97	30	56.8	6.96	
Wenrich Ranch.	.....	.....	.....	1.85		Thon†.	90	-6	35.6	0.65	9.0	Fort Gaines†.	94	30	58.8	7.85	
West Point†.	.....	.....	.....	4.65	6.0	T. S. Ranch†.	74	12	39.8	0.60	6.5	Gillsville.	.....	.....	.....	5.86	
Wheatland.	75	34	58.0	1.68		Twin Lakes.	.....	.....	.....	0.68	8.1	Hawkinsville†.	98	36	60.8	6.90	
Williams ^{**} .	73	34	58.7	1.34		Vernon†.	81	-10	36.2	0.15	1.5	Hephzibah ^{**} †.	98	36	56.8	8.18	
Willows b ^{**} .	75	35	58.1	1.55		Villas.	.....	.....	.....	0.10	1.0	Lagrange†.	94	24	58.6	8.44	
Wilmingt ^{**} .	78	41	60.0			Wallet.	.....	.....	.....	0.20	2.0	Leverett.	98	27	51.0	7.42	
Wire Bridge ^{**} .	71	32	58.0	8.34		Watkins ^{**} †.	95	2	34.0	.....	5.0	Louisville†.	98	29	54.8	7.64	
Yerba Buena L. H.	.....	.....	.....	1.24		Yuma.	.....	.....	.....	0.50	5.0	Macon b.	96	29	50.6	7.25	
Yreka†.	68	18	42.4	2.26		<i>Connecticut.</i>						Marietta†.	98	23	50.0	5.30	
Yuba City ^{**} .	69	42	57.2	1.12		Bridgeport ^{**} .	50	17	34.0	3.04	8.4	Marshallville†.	98	36	57.4	10.83	
Engineers Quarters†.	.....	.....	.....	8.82	10.0	Canton.	54	4	31.4	2.39	5.0	Millen†.	97	36	56.0	6.02	
Morses House†.	12	54	52.4	12.8		Colchester.	54	14	38.9	2.18	3.0	Monticello ^{**} †.	98	34	54.7	7.76	
Grass Valley†.	.....	.....	.....	10.18	8.6	Falls Village.	.....	.....	.....	2.44	13.0	Piscola.	95	34	60.4	7.15	
Deep Creek†.	71	21	4.0			Greenfield Hill.	.....	.....	.....	2.45	4.6	Point Peter ^{**} .	80	36	51.5	8.40	
Holcomb Creek†.	.....	.....	.....	4.86	2.2	Hartford b.	50	15	38.0	2.39	4.0	Poniat†.	98	36	56.8	5.67	
Squirrel Inn†.	.....	.....	.....	9.58	8.0	Hartford c.	50	15	38.0	2.59	6.0	Ramsey†.	98	31	51.8	5.99	
Green Valley†.	.....	.....	.....	9.34	15.5	Middletown.	54	16	34.6	2.59	6.0	Resaca†.	98	34	50.6	7.07	
Tunnel No. 2†.	.....	.....	.....	5.32	4.0	North Grosvenor Dale.	48	9	31.1	3.18	6.0	Reynolds†.	98	34	50.6	10.36	
<i>Colorado.</i>						New Haven.	.....	.....	.....	5.0		Rome†.	94	26	49.6	6.39	
Abbott.	51	-14	19.6	0.88		New London.	.....	.....	.....	4.9		Talbotton†.	94	26	55.2	8.79	
Antlers†.	73	-12	34.2	0.67	20.0	Norwalk.	53	18	38.5	2.45	4.5	Thomasville†.	97	31	56.8	5.07	
Arkins.	.....	.....	.....	0.98		southington ^{**} .	48	15	38.4	2.18	5.2	Toccoa†.	94	25	51.4	6.87	
Boulder†.	75	-2	35.6	1.98	17.8	South Manchester.	53	10	30.9	2.69	3.5	Washington†.	98	30	53.4	7.17	
Box Elder.	.....	.....	.....	1.59	16.0	Storrs.	48	12	38.0	2.62	3.5	Whitesburg†.	98	29	53.4	9.96	
Breckenridge†.	54	-25	14.6	2.37	23.7	Thomaston.	55	11	34.6	3.37	7.3	<i>Idaho.</i>					
Byers ^{**} .	70	10	37.8	.....	6.8	Wallingford†.	51	14	38.6	3.61	4.0	American Falls†.	70	12	35.3	1.72	5.0
Canyon†.	78	-1	39.8	0.44	6.0	Waterbury.	51	14	38.6	2.58	4.0	Atlanta†.	98	12			

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Idaho—Cont'd.</i>						<i>Indiana—Cont'd.</i>						<i>Iowa—Cont'd.</i>					
Paris†	61	—7	26.4	0.91	5.4	Jasper†	88	11	43.8	2.35	5.0	Maxon* ¹	°	°	°	Ins.	Ins.
Payette†	75	16	41.7	0.15	T.	Jeffersonville	84	23	44.0	2.33	2.5	Mechanicsville	88	4	37.3	0.58	3.2
Salubria†	65	6	36.4	0.70	4.0	Kokomo†	80	10	36.5	0.98	3.9	Monticello* ¹	86	1	31.3	0.99	2.9
Soldier†	60	—9	26.8	1.41	9.5	Laconia	82	17	42.8	3.95	2.0	Moar	84	2	36.3	1.27	..
Swan Valley†	55	—20	27.2	1.69	19.5	Lafayette†	82	8	37.8	1.39	4.8	Mount Ayr* ¹	88	0	36.8	..	..
Three Creek†	65	—2	33.3	0.95	9.5	Logansport a†	76	12	36.7	0.93	1.9	Mount Pleasant* ¹	80	2	37.1	0.1	..
Warren†	—9	..	..	2.82	..	Logansport b	76	12	36.7	2.38	0.5	Mount Vernon* ¹	84	3	38.4	1.74	5.0
<i>Illinois.</i>						Madison†	85	16	42.7	2.38	..	Newton†	88	2	35.3	0.58	3.5
Albion†	68	18	43.0	1.45	8.5	Marengo* ¹	84	6	42.8	4.50	6.0	North McGregor	..	..	..	0.22	3.0
Atwood*† ²	—10	38.4	0.72	T.	Marion†	80	9	36.1	2.16	4.8	Ogden	91	—1	34.6	0.72	3.9	
Aurora†	82	8	38.5	1.14	2.7	Maunzy†	78	14	37.0	1.58	3.2	Osage* ¹	84	0	36.5	0.37	3.0
Beardstown†	..	..	..	0.90	T.	Mount Vernon†	..	..	..	..	..	Osceola	86	0	34.9	0.70	1.5
Bloomington†	85	4	37.2	1.68	4.5	Plymouth†	80	9	35.5	0.94	3.1	Oskaloosa†	88	3	36.5	..	2.1
Braidwood†	81	11	36.0	1.04	8.3	Princeton*† ¹	88	18	42.4	2.05	11.0	Ottumwa	87	4	37.5	0.56	2.5
Bushnell†	85	10	38.0	0.69	4.0	Rockville†	84	13	39.3	1.69	2.0	Ovid†	88	2	35.5	1.20	6.9
Cairo	..	..	..	..	Rushville†	..	..	..	..	..	Panama†	88	—1	35.2	0.58	0.2	
Carlinville†	85	18	41.4	1.60	3.8	Scottsburg†	85*	16	41.1	2.64	6.0	Rock Rapids	77	—11	28.2	1.63	3.5
Carlyle	..	..	..	1.97	..	Seymour†	84	14	38.7	1.35	4.2	Sac City†	88	—2	30.6	1.62	2.7
Carrollton	88	11	37.6	1.88	8.1	Shelbyville†	80*	18*	38.6	1.21	3.4	Seymour†	87	3	39.5	0.70	5.0
Chemung* ¹	80	0	30.4	2.18	16.8	South Bend†	79	6	38.9	0.75	3.5	Sibley	77	—10	30.7	0.54	0.5
Chester†	..	..	..	3.51	9.5	Sumner* ¹	80	16	38.5	1.53	4.0	Sidney†	90	0	45.0	0.67	..
Chicago	..	..	..	..	Tere Haute†	88	18	41.8	1.24	1.8	Sioux City	..	..	..	..	3.5	
Clear Creek†	84	6	36.8	0.86	2.0	Topeka†	88	5	38.5	0.48	T.	Spencer	88	—7	31.7	0.28	1.6
Cordova†	..	..	..	1.28	..	Valparaiso†	78	7	38.7	0.30	3.0	Spirit Lake†	81	..	35.8	0.36	1.5
Decatur†	85	9	40.4	1.18	2.2	Vevay	88	17	42.2	1.30	12.0	Sutherland	88	—10	30.4	1.34	1.8
Dixon†	84	6	38.4	0.83	0.8	Vincennes†	85	18	49.3	1.06	4.0	Toledo* ¹	86	1	32.4	0.55	1.0
Duquoin	..	..	..	3.02	10.8	Worthington†	81	17	41.5	1.07	0.7	Villisca†	88	1	36.1	0.74	..
East Peoria†	84	6	37.6	1.11	5.0	<i>Indian Territory.</i>	..	..	..	..	..	Vinton* ¹	88	3	38.5	0.51	0.5
Effingham†	80	14	41.4	1.65	3.0	Enfauza†	..	..	..	..	..	Washington†	88	5	34.9	1.11	2.0
Evanson* ¹⁰	80	10	32.4	..	..	Headton†	88	11	34.9	1.44	..	Waterloo	88	0	32.0	0.41	3.5
Fort Sheridan†	79	6	31.5	0.45	3.7	Kemp†	88	20	34.7	4.38	..	Waukee	87	1	37.9	0.45	0.5
Galva†	84	6	35.8	0.85	3.2	Lehigh†	91	17	38.8	2.47	..	West Bend* ¹	84	—1	28.9	0.69	3.0
Gilman†	84	5	36.6	0.53	..	Pursell†	88	6	35.5	0.98	..	Williams	87	—2	32.2	0.56	5.5
Golconda†	88	22*	48.0	8.16	0.9	Tablequa†	88	15	38.4	1.13	..	Wilton Junction†	88	6	34.5	1.49	3.0
Grafton†	..	..	..	1.58	9.9	Tulsa†	..	..	..	..	..	Winter set†	90	—2	34.7	0.68	2.2
Greenville†	85	14	42.2	2.66	4.7	<i>Iowa.</i>	..	..	..	..	..	<i>Kansas.</i>	..	..	..	..	..
Griggsburg†	85	9	41.4	3.15	8.0	Afton	87	—1	36.6	0.76	2.5	Abilene†	90	7	45.3	1.52	1.0
Halliday* ¹¹	81*	22*	43.1*	2.79	2.0	Algona* ¹	87	1	31.3	0.58	3.2	Achilles* ¹	91	—12	32.6	0.20	2.0
Havasu†	84	13	41.7	1.04	3.0	Alt†	88	—5	31.0	1.14	2.1	Altoona* ¹	88	12	41.4	1.21	T.
Herrings Prairie* ¹	80	24	44.8	1.20	2.5	Amana†	88	4	38.6	0.58	2.0	Atchison†	91	4	40.8	0.88	1.5
Jordans Grove†	88	18	45.1	2.53	2.7	Amesb	88	0	38.8	0.60	1.0	Beloit†	98	7	45.8	0.55	1.0
Kankakee†	77	12	34.1	1.02	..	Ames c	..	..	..	..	..	Blaine* ¹	88	—6	36.0	2.45	4.5
Lagrange†	80	9	34.2	0.85	3.0	Atlantic†	88	0	38.5	0.44	..	Burlington†	98	9	43.0	1.38	4.0
Lexington*† ¹	80	12	36.0	1.06	2.5	Atlantic (near)	88	—1	36.0	0.44	1.0	Colby†	87	—11	38.2	0.18	1.5
Louisville†	88	17	42.9	1.68	3.1	Audubon†	88	—1	34.9	0.56	1.0	Coldwater†	88	3	44.4	0.40	..
McLeansboro*† ²	88	19	38.0	..	Belknap (near)* ¹	88	2	36.2	1.05	7.5	Collyer* ¹⁶	94	5	36.2	0.20	2.0	
Martinsville†	80	16	40.0	1.20	Belle Plaine	87	3	35.2	0.50	4.0	Columbus†	88	11	43.6	1.97	0.2	
Mascoutah* ¹⁵	85	16	41.5	2.19	Bonaparte†	88	3	37.4	1.34	..	Concordia†	..	..	..	..	3.4	
Mattoon* ¹	78	21	43.7	1.04	1.6	Carroll†	88	0	35.8	1.75	0.8	Coolidge†	87	2	40.6	T.	T.
Monmouth†	84	8	37.9	0.84	4.2	Cedar Falls†	88	0	38.8	0.98	2.2	Cunningham†	88	5	48.8	0.08	7.2
Mount Carmel†	..	..	..	2.61	7.0	Cedar Rapids†	84	5	36.0	0.60	2.4	Dodge City	..	..	..	..	..
Mount Pulaski†	88	10	39.2	2.01	6.0	Centerville†	88	—4	39.5	2.60	1.0	Downs	..	..	..	0.38	2.0
New Burnside†	86	21	46.2	2.65	T.	Chariton	88	4	36.8	0.61	3.6	Dresden* ¹⁴	88	—5	36.8	0.20	2.0
Olney a* ¹	88	17	45.8	1.40	3.0	Charles City†	88	0	31.9	0.48	3.2	Eldorado	97	7	46.6	2.17	0.2
Olney b* ¹	90	13	38.5	0.93	..	Clarinda†	84	0	36.5	0.96	3.2	Elk City* ¹	92	12	46.4	1.31	0.2
Oregon†	86	1	39.2	0.82	2.0	Clinton	88	6	38.8	1.08	3.5	Ellinwood* ¹²	88	5	38.3	1.08	..
Oswego* ¹	78	10	31.4	1.35	3.0	College Springs	90	0	38.4	1.10	1.0	Emporia†	88	8	44.0	2.40	4.0
Ottawa†	88	8	34.0	0.83	4.8	Corning†	87	0	37.6	0.46	2.5	Englewood†	88	5	43.2	0.38	8.6
Palestine†	..	..	..	1.66	2.5	Cresco†	84	—5	28.7	0.88	2.0	Eureka Ranch†	88	—1	40.5	0.10	1.0
Paris†	84	18	37.7	0.91	2.8	Davenport†	..	..	..	..	..	Fort Riley†	92	2	44.8	1.39	0.9
Peoria a†	86	14	36.8	0.67	1.0	Decorah†	84	—4	30.4	0.55	1.0	Fort Scott	..	..	..	2.37	..
Peoria b†	86	14	36.8	1.02	4.0	Delaware* ¹³	86	1	29.9	0.65	4.0	Frankfort†	96	4	43.2	0.05	T.
Philo†	84	10	37.8	1.06	0.2	Demison†	79	—2	32.6	..	..	Garden City†	93	0	41.2	0.02	0.1
Renton†* ¹⁵	82	12	37.3	0.95	4.8	Des Moines	..	..	..	..	..	Garfield	..	..	..	0.90	1.0
Riley†	79	3	30.5	1.33	6.2	Dubuque	..	..	..	..	..	Gibson* ¹	92	—1	34.8	T.	T.
Rockford*† ¹	88	4	31.1	2.53	18.5	Edora†	84	—2	32.8	1.15	2.1	Girard* ¹	92	9	44.0	1.61	..
Rushville†	86	12	40.1	1.08	3.2	Elkader†	88	—1	31.9	0.79	4.0	Gove* ¹⁴	92	—4	39.9	0.30	2.0
St. John* ¹⁶	81	20	45.7	2.94	4.0	Emmetsburg	88	—6	31.3	0.23	0.2	Grainfield* ¹⁶	88	0	38.0	0.15	1.5
Springfield†	84	28	46.9	1.56	0.8	Fairfield†	88	5	36.4	1.20	4.5	Grenola* ¹	90	11	44.8	1.00	T.
Streator†	84	11	36.8	1.40	..	Forest City	88	—4	32.9	1.05	2.0	Grinnell* ¹	98	2	35.7	..	2.8
Sycamore* ¹¹	78	6	31.7	1.08	4.0	Holiday*†	84										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
Kansas—Cont'd.							Louisiana—Cont'd.							Massachusetts—Cont'd.							
Pleasant Dale †	92	92	91.8	0.42	2.0	Ins.	Paincourtville †	85	81	83.1	5.28	Ins.		50	50	50	20.6	2.79	12.5		
Quinter †	92	92	44.5	0.25	2.5		Plain Dealing †	83	27	55.8	6.12			Hadley	55	53	50.4	30.4	7.0		
Rome †	92	10	46.1	0.45	T.		Rayne †	85	35	62.4	5.60			Hingham				24.8	2.66	6.1	
Salina †	92	5	40.3	1.28	4.0		Schriever †	85	31	64.3	4.08			Hobbs Brook	51	20	31.8	4.23	7.5		
Sedan †	92	10	47.2	1.09			Shell Beach	85	35	64.9	3.52			Hyannis				29.8	1.34	3.0	
Sharon Springs †	92	3	42.2	0.12	1.2		Southern University †	83	33	60.4	2.25			Hyde Park †				31.8	2.32		
Silver Lake †	92	8	40.4	2.84	1.9		Sugar Ex. Station †	81	34	61.2	3.98			Lake Cochituate	54	22	32.8	3.11			
Topeka							Sugartown †	80	29	59.5	5.17			Lawrence	49	7	31.8	2.32	9.5		
Ulysses †	92	—	39.8 ^d	0.05	0.5		Thibodeaux							Leeds	50	—	29.7	2.12	11.0		
Wakefield †	92	7	42.6	1.20	5.0		Wallace	86	34	60.0	5.48			Leominster †	48	18	30.4	2.69	10.0		
Wallace †							West End							Long Plain †	50	50	34.0	3.67	4.0		
Wamego †	92	6	41.4	1.85	4.0		Belfast †	46	9	28.8	8.06	8.0		Lowell a	51	9	31.4	2.66			
Wellington †	92	10	48.6	0.55	T.		Calaish †	51	3	28.8	2.02	5.0		Lowell b	51	9	32.0				
Wichita							Cornish †	50	6	28.2	2.88	15.0		Ludlow Center	45	5	27.0	2.14	8.5		
Winfield ^b	92	10	44.8	0.27	T.		Eastport							Lynn a	53	11	32.6	3.90			
Winona ^b	92	12	37.2	0.03	0.3		Fairfield	51	— 6	27.7	1.58	6.0		Lynn b	51	14	33.9				
Yates Center †	90	9	43.2	1.16	8.5		Farmington †	53	— 6	27.2	1.88	8.8		Mansfield ^b	55	16	33.8	3.74	6.0		
Kentucky.							Gardiner	53	— 6	28.6	2.48	7.2		Middleboro				35.5	3.16	3.8	
Alpha †	87	18	48.2	5.78	0.1		Indian Stream	50	— 14	21.5	1.26	11.0		Milton	55	14	35.0	2.54			
Blandenville							Kineo †	41	— 5	20.8	1.28	9.0		Monroe	49	0	24.5	2.36	26.0		
Bowling Green ^a †	84	18	48.9	8.67	T.		Lewiston	49	— 4	27.2	2.10	8.5		Monson	56	10	34.0	1.97	8.0		
Bowling Green ^b †	85	21	46.8	8.64	T.		Madison ^b	50	— 12	27.4	—	12.0		Mount Nonotuck				1.51	12.0		
Burnside †							North Bridgton	50	— 7	26.8	1.73	11.8		Mystic Lake				3.15			
Caddo †	86	17	42.0	2.00			Orono †	47	— 4	26.1	2.39			Mystic Station				2.85			
Canton ^a †	88	24	48.0	4.26	0.2		Petit Menan ^b †	48	15	29.8				Nantucket				8.4			
Carrollton †	88	18	42.0	1.16	3.2		Portland							Natick ^b †	55	12	31.8	3.67	5.8		
Caiettsburg ^a †	79	17	45.3	4.21	6.0		West Jonesport ^b †	46	8	28.8				New Bedford a	53	17	35.4	4.72	6.1		
Cromwell ^a †	80	23	48.2	2.87			Maryland.							New Bedford b	53	17	35.0	4.49	4.2		
Earlington							Baltimore	62	20	36.2	1.93	1.6		North Billerica	57	14	35.0	2.84	13.0		
Eddyville †							Bel Alton	73	25	44.4	3.85	— 0.6		Pittsfield	50	7	27.4	1.85			
Edmonton †	80	19	45.4	4.48	2.3		Boettcherville ^b †	66	18	38.8	2.60	6.0		Plymouth ^b †	56	19	35.4	2.71	1.0		
Elizabethtown †	86	21	45.8	2.41			Burkittsville	63	21	41.9	2.73	4.8		Provincetown	49	19	34.4	3.20	3.5		
Eubank †	87	15	44.4	4.38	1.5		Charlotte Hall †	70	22	48.2	3.38	T.		Roberts Dam				2.84	4.0		
Falmouth †							Cherryfields †							Roxbury	55	15	34.7	2.74	5.5		
Fords Ferry †	86	20	47.0	3.88	0.5		Chestertown †	66	22	39.2	2.17 ^a			Salem				3.12	5.5		
Franklin ^a †	85	26	47.7	5.81			College Park	72	20	41.4	2.73			Salisbury				2.90	11.0		
Georgetown							Cumberland a	65	22	37.8	2.45	3.0		Somerset ^b †	57	16	36.1	3.38	4.5		
Greendale							Cumberland b	69	21	40.0	2.49			Springfield Armory	53	11	32.7	2.24	6.8		
Greensburg †							Darlington	66	19	38.4	2.78	1.5		Taunton b	55	17	35.7	3.61	2.5		
Harronds Creek †	84	21	43.9	1.80	2.0		Deer Park	67	— 7	38.0	3.25	9.2		Taunton c	54	15	35.2	3.74			
Henderson †	86	24	47.0	3.19	T.		Denton †	71	23	40.6	4.05	0.5		Taunton d	53	14	38.3	3.11	2.0		
Hendricks †							Easton †	74	23	42.8	3.45			Turners Falls	49	1	31.4	2.15			
Herbert							Fallston ^b †	64	20	38.2	2.88	0.8		Vineyard Haven				2.95	11.0		
Lexington							Frederick a	69	21	40.0	2.49			Wakefield †	51	12	38.1	3.07	8.0		
Louisia †	85	22	42.4	3.87			Frederick b	66	23	41.0				Waltham				3.01			
Louisville							Garrison	66	19	39.0	2.47	3.0		Webster				3.20	5.8		
Marrowbone †	84	17	45.4	4.45	1.8		Grantsville	57	9	38.8	3.10	14.0		Wellesley	55	9	33.0				
Matlock							Great Falls ^b †	70	24	40.8	2.88			Westboro †	55	10	35.5	2.38	8.0		
Middlesboro							Hancock	70	17	40.0	1.74	1.0		Williamstown	45	9	38.2	2.10			
Mount Sterling †	84	19	42.5	3.86	2.0		Jewell †	71	22	42.8	3.26	T.		Winchendon				2.17	11.0		
Paducah a †							Johns Hopkins Hospital	70	21	39.3				Winchester				2.85			
Paducah b †	86	28	47.8	3.90	T.		La Plata †	70	26	43.2	3.15			Woods Holl				9.8			
Pleasure Ridge Park †	84	21	43.2	2.51	3.1		McDonogh ^c	67	19	39.8				Worcester a	51	11	31.4	2.08			
Princeton †	84	19	45.2	2.42			Mardela Springs †	68	21	41.9	3.80	1.5		Worcester b	53	14	32.6	2.67	10.0		
Richmond †	82	27	47.3	1.85	T.		Mt. St. Marys College ^b †	68	14	38.6	1.80			Worcester c	51	10	30.4				
Russellville †	85	21	47.8	5.88	T.		Oakland †	66	— 8	38.2	5.22			Michigan.							
Shelby City ^b †	80	21	42.9	8.74	1.8		Jewell †	71	22	42.8	3.26			Adrian	65	— 7	29.8	1.14	4.5		
Shelbyville ^b †	87	17	48.2	2.11	2.0		Johns Hopkins Hospital	70	21	39.3				Albion	61	— 2	28.8	0.57	2.2		
South Fork ^a †	87	41.9	3.88	2.0			La Plata ^b †	70	26	43.2	4.42	1.5		Ball Mountain	56	— 6	24.6	1.08	8.5		
Springfield †	82	21	45.4	3.03	1.1		Princess Anne	65	22	42.3	4.28	3.2		Battle Creek	65	— 3	28.8	0.87	4.7		
Williamsburg							Sharpsburg	64	22	39.3	2.56	0.8		Bear Lake ^b †	46	— 13	22.4				
Louisiana.							Solomons †	63	25	43.2	3.23	1.0		Benton Harbor	73	4	29.6				
Abbeville		34	62.2	5.51			Sunny-side	63	24	31.4	6.20	23.2		Benzonia	49	— 5	21.8	1.68	11.5		
Alexandria †	88	31	59.6	7.68			Upper Marlboro †	73	22	41.2	5.50			Berlin ^b †	60	— 9	24.6	1.61	9.5		
Amitie †	88	28	62.0	6.88			Western Port	60	18	37.0	1.10	5.0		Birmingham	60	0	27.4	0.97	7.2		
Bastrop †	87	26	57.4	7.76			Westminster	69	17	41.0	2.75	T.		Bronson	54	4	28.1	1.74	11.2		
Baton Rouge †	84	28	61.6	9.14			Woodstock	69	18	39.8	1.53	8.2		Brown City	58	— 6	24.3	0.61	4.5		
Calhoun †	84	28	58.0	4.40									Calumet	47	— 12	19.0	0.48	5.2			
Cameron †													Charlevoix	57	— 9	24.1	0.23	2.2			
Chenyeville †	88	30	60.2	5.46									C								

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Michigan—Cont'd.</i>						<i>Minnesota—Cont'd.</i>						<i>Missouri—Cont'd.</i>					
Hastings	59	-1	26.0	1.36	8.8	St. Olaf	56°	-19°	25.7°	0.26	0.8	Gorin *2	93	10	37.2	2.24	5.6
Hayes	56	-5	24.6	0.80	8.0	St. Paul	.....	.....	.....	.....	0.8	Grove Dale	.....	.....	.....	2.21	10.6
Hesperia	56	-12	23.8	1.40	7.5	St. Peter †	66	-5	29.1	0.61	0.5	Half Way	85	10	44.8	2.04	1.5
Highland Station	58	-4	25.7	1.46	5.6	St. Vincent	.....	.....	.....	.....	2.0	Hannibal	.....	.....	.....	2.7	
Holland *2	53	3	20.7	.....	.....	Sandy Lake Dam ¹	49°	-20	20.8	0.04	0.5	Harrisonville †	92	8	44.8	1.84	10.0
Howell	60	-3	26.5	0.76	4.9	Sauk Center ²	55	-20	25.2	T.	T.	Hastain	87	9	44.6	2.52	6.5
Ivan	50	-12	20.5	0.89	7.5	Sunrise City ³	60°	-6	28.8	0.28	.....	Hermann †	.....	.....	.....	1.71	4.4
Jeddo	55	-5	23.9	0.71	6.2	Two Harbors †	54	-4	25.8	0.85	3.5	Houston	79	15	44.8	2.73	2.0
Kalamazoo	65	3	31.3	0.67	4.0	Wabasha ²	64	-1	29.2	0.50	2.5	Houstonia (near)	.....	.....	.....	2.15	12.2
Lathrop ¹	50	-15	17.0	0.30	1.0	Willmar †	57	-14	25.2	0.40	1.0	Ironton †	80	18	44.0	3.80	3.0
Lewiston	53	-11	21.6	0.65	.....	Winona	62	0	29.8	0.64	2.2	Jefferson City †	87	11	45.5	2.75	4.5
Ludington ²	50	0	20.4	.....	.....	Zumbrota ¹	75	-12	28.6	0.88	0.8	Kansas City	.....	.....	.....	5.1	
Madison	63	2	29.8	0.91	4.7	Mississippi	66	-2	28.8	.....	.....	Kidder	86	4	39.8	0.86	2.6
Manistee ¹⁰	48	-2	23.0	.....	.....	Agricultural College	88	27	58.9	8.08	.....	Lamar	84	12	45.1	2.20	0.8
Marquette	.....	.....	.....	.....	.....	Batesville †	88	24	52.6	4.24	.....	Lamotte	92	4	38.6	0.68	1.0
Mayville	56	-6	25.5	1.03	8.4	Bay St. Louis †	81	32	59.3	7.50	.....	Langdon †	86	10	45.0	3.26	4.0
Middle Island ¹⁰	58	-6	24.8	.....	.....	Biloxi †	76	30	58.2	7.18	.....	Lebanon	86	7	42.8	1.38	6.2
Mottville	71	5	23.4	0.88	4.5	Briers	88	31	58.0	7.35	.....	Lexington †	87	7	43.4	0.68	5.5
N. Manitou Island ¹⁰	46	-11	28.3	.....	.....	Brookhaven †	86	26	60.1	7.77	.....	Liberty	91	8	43.4	1.71	6.3
North Marshall	63	-3	26.8	1.06	2.0	Canton †	81	31	56.5	7.08	.....	Linn Creek	85	7	45.4	2.27	5.0
Northport	56	-7	28.8	0.42	6.5	Clarksdale †	88	30	54.2	8.13	.....	Louisiana Bridge †	88	8	41.7	3.70	6.5
Old Mission	49	-11	28.7	0.78	4.8	Columbus †	88	28	55.8	7.17	.....	McCune [†]	88	16	44.8	2.57	T.
Ovid	58	-4	25.8	0.91	7.0	Corinth †	70	20	48.1	6.26	.....	Marble Hill	.....	.....	.....	1.26	1.0
Parkville	.....	.....	.....	1.09	4.0	Denton †	86	23	58.6	8.08	.....	Marcelline	86	5	41.2	1.20	5.8
Point aux Barques ¹⁰	58	-2	24.4	.....	.....	French Camps †	88	27	58.6	7.73	.....	Maryville ⁴	86	2	34.6	0.88	3.8
Point Betsy ⁹	48	-3	27.1	.....	7.9	Fulton †	86	20	52.8	8.50	.....	Mexico †	84	6	41.4	3.11	9.0
Port Huron	.....	.....	.....	.....	Greenville	82	29	55.2	7.37	.....	Miami	.....	.....	.....	2.88	12.5	
Rockland ⁹	50	-15	22.8	.....	.....	Greenville [†]	82	24	56.6	7.04	.....	Mine La Motte †	81	17	44.5	2.98	2.5
Romeo	58	-4	25.0	1.20	T.	Hattiesburg †	85	24	58.5	2.70	.....	Mount Vernon	89	8	41.1	8.28	1.5
St. Ignace	49	-11	19.6	0.84	2.5	Hernando †	80	26	51.6	4.55	.....	Nevada	.....	.....	.....	2.88	1.0
St. Johns	60	-2	28.2	1.17	8.0	Holiday Springs †	84	24	51.8	6.22	.....	New Haven ¹	85	17	42.2	2.37	6.5
Sand Beach ^a	57	-4	24.0	.....	.....	Itta Bena ¹¹	82	30	55.8	4.97	.....	New Madrid	88	26	50.6	4.64	T.
Sault Ste. Marie	.....	.....	.....	.....	Jackson †	88	29	57.6	5.04	.....	New Palestine	.....	.....	.....	2.43	9.2	
Standish	58	-10	23.8	1.88	4.5	Kosciusko †	80	30	55.8	7.88	.....	Oakfield †	86	11	44.2	2.77	2.0
Stanton	57	-6	25.3	0.59	.....	Lake	82	27	58.8	4.10	.....	Oak Ridge ⁴	80	15	44.8	8.05	1.6
Thornville	58	-6	25.6	1.13	9.0	Leaf ¹	80	30	56.0	.....	.....	Olden †	87	4	47.4	3.50	0.75
Thunder Bay Island ¹⁰	46	-6	23.4	.....	.....	Leakeeville †	87	29	59.8	5.98	.....	Oregon ^c	91	4	41.6	0.74	3.6
Vandalia	71	7	33.2	0.77	7.2	Logtown †	82	32	62.4	5.53	.....	Oregon D	91	3	40.5	0.80	3.4
Ypsilanti	61	-4	27.8	0.75	1.9	Louisville †	84	22	54.8	4.55	.....	Osceola †	.....	.....	.....	3.17	4.0
<i>Minnesota.</i>						Moss Point †	79	32	60.3	9.45	.....	Oto	.....	.....	.....	2.88	0.8
Ada [†]	58	-22	22.6	0.01	0.5	Natchez [†]	88	32	59.8	7.85	.....	Palmyra ⁵	80	6	40.8	1.65	6.0
Albert Lea [†]	78	-5	28.2	0.73	1.5	Okolona [†]	86	24	54.0	8.82	.....	Panacea [†]	91	11	50.5	2.74	T.
Alexandria ^a ^t	.....	.....	0.00	.....	Palo Alto [†]	84	28	54.8	9.84	.....	Pickering ⁸	86	0	35.8	0.64	3.8	
Beardsley [†]	64	-16	26.6	T.	Pontotoc [†]	86	27	54.7	6.28	.....	Pierce City	88	8	43.4	1.10	1.0	
Belle Plaine ¹	60	-4	27.8	0.18	T.	Port Gibson [†]	88	30	57.3	5.01	.....	Platte River ²	84	6	37.4	0.88	3.0
Bingham Lake [†]	67	-14	30.8	T.	Rosedale [†]	88	28	57.0	9.20	.....	Poplar Bluff	88	19	48.2	8.48	T.	
Bird Island	59	-12	26.6	0.72	1.2	St. Meridian	.....	.....	.....	.....	.....	Potosi	84	11	40.8	2.91	4.1
Blooming Prairie [†]	78	-7	27.4	0.81	1.0	Wadsworth [†]	88	22	53.2	3.32	.....	Princeton ¹	86	3	39.4	1.73	1.5
Bonniwells Mills [†]	46	-12	19.3	0.51	.....	Waukon [†]	88	25	56.0	9.32	.....	St. Charles	85	14	43.8	1.24	6.8
Caledonia [†]	72	-6	29.0	0.54	2.0	Water Valley ⁴ [†]	89	26	58.7	6.71	.....	St. Joseph [†]	87	0	37.8	0.19	1.0
Cambridge	55	-10	26.6	0.61	1.5	Waynesboro ^a ^t	90	28	56.0	8.95	.....	Sarcocie ³	92	10	42.8	2.85	0.6
Camden [†]	65	-14	27.6	0.34	T.	Woodville [†]	84	30	60.2	5.01	.....	Shelbina	.....	.....	.....	1.70	2.0
Campbell	64	-19	26.8	0.09	T.	Ziondale [†]	88	28	57.1	5.71	.....	Sikeston	88	21	46.9	8.84	T.
Clear Lake [†]	63	-13	24.4	0.30	.....	St. Paul	.....	.....	.....	.....	.....	Springfield	.....	.....	.....	1.5	
Clear Water ¹	55	-10	26.0	T.	Steffenville	.....	.....	.....	.....	.....	St. Pauline	.....	.....	.....	1.18	8.0	
Collegeville	60	-16	28.6	0.04	T.	Stellada [†]	88	22	59.0	4.95	.....	St. Simeon	86	1	37.0	1.40	1.5
Crookston [†]	56	-21	22.8	0.30	3.0	Tipton ⁶	88	25	58.2	3.32	0.1	Tipton	88	0	37.8	0.55	0.5
Dawson ¹	60	-18	26.8	T.	University [†]	88	25	56.0	9.32	0.1	Unionville [†]	87	0	37.8	1.23	6.1	
Duluth	.....	.....	.....	.....	Vaiden [†]	88	25	56.0	9.32	0.1	Vermont ⁴ ¹	86	7	41.1	1.76	T.	
Farmington [†]	62	-6	26.0	0.98	1.5	Water Valley ⁴ [†]	89	26	58.7	6.71	.....	Villas	.....	.....	.....	1.01	4.0
Fergus Falls [†]	56	-20	24.6	0.08	0.8	Wadsworth [†]	88	22	53.2	3.32	.....	Warrensburg ⁴ ¹	86	10	42.8	1.76	11.0
Fort Ripley [†]	56	-20	24.6	0.12	.....	Warrenton	87	7	54.0	4.30	.....	Wheatland	.....	.....	.....	8.71	8.5
Grand Meadow [†]	84	-7	25.6	0.43	5.0	Willow Springs ¹	88	12	48.4	5.38	.....	Wilmington	.....	.....	.....	2.80	5.8
Grand Portage [†]	44°	-18°	20.6	1.11	.....	Montana	.....	.....	.....	.....	.....	Winnipeg Falls [†]	88	10	42.8	2.00	T.
Granite Falls [†]	62	-16	30.6	0.41	1.0	Basin	.....	.....	.....	.....	.....	Winnipeg Falls [†]	88	-10	36.6	0.86	2.0
Hutchinson [†]	58	-11	27.3	0.75	0.5	Billings [†]	88	15	46.5	3.42	0.5	Winnipeg Falls [†]	88	-11	29.8	0.03	T.
Jadis [†]	54	-22	19.6	0.23	3.7	Boulder [†]	88	12	44.5	1.64	2.1	Winnipeg Falls [†]	88	-11	31.2	1.10	11.0
Koochiching [†]	54	-22	14.4	0.40	8.4	Bozeman [†]	88	12	44.5	1.64	2.1	Winnipeg Falls [†]	88	-11	28.4	0.37	3.1
Lake Winnibigoshish ¹	51	-22	19.8	0.08	1.0	Butte [†]	88	12	44.5	2.28	8.4	Winnipeg Falls [†]	88	-15	32.0	1.05	10.5
Lawrence [†]	52	-15	28.8	0.29	.....	Choteau [†]	88	12	4								

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean	Rain and melted snow.	Total depth of snow.
Montana—Cont'd.	0	0	0	In.	In.	Nebraska—Cont'd.	0	0	0	In.	In.	New Hampshire—Cont'd.	0	0	0	In.	In.
Sun River†	74	-21	30.8	0.40	3.5	Red Cloud a	88	3	40.8	0.04	T.	West Milan	47	-15	21.7	1.47	9.0
Troy†	58	2	28.5	0.42	4.5	Red Cloud b*1	89	0	38.4	0.87	3.8	Wolfboro	58	18	38.0	1.88	.....
Utica†	71	-16	30.3	0.15	1.5	Republican	89	4	48.8	0.75	3.5	New Jersey.	65	16	38.0	.....	.....
Virginia City†	64	-6	28.9	1.08	9.5	Rulo*	89	6	40.7	0.82	2.0	Allaire	66	18	36.4	3.97	7.0
White Sulphur Springs†	88	-15	28.2	0.18	2.0	Salem*	88	4	40.7	0.82	2.0	Asbury Park	68	18	36.4	3.97	7.0
Wibaux†	80	-18	34.1	0.06	0.5	Santee Agency†	84	1	34.5	1.75	4.3	Barnegat	58	18	37.4	3.82	.....
<i>Nebraska.</i>																	
Agee*1	82	-2	31.6	1.10	2.0	Seward*1	85	1	37.6	0.21	0.5	Beach Haven	55	22	37.6	3.83	T.
Albion†	89	0	37.0	0.42	1.0	Spencer (near)*1	85	4	35.4	1.16	.....	Belvidere	60	18	34.5	2.14	5.0
Ansley†	89	-6	36.8	0.82	2.8	Springview	87	-15	32.5	1.26	7.8	Beverly†	64	19	38.2	3.79	7.8
Arborville*1	92	0	34.8	0.50	5.0	Stanton*1	88	1	34.0	0.68	2.5	Billingsport	58	20	36.6	2.47	3.0
Ashland a†	83	0	28.3	0.48	0.5	State Farm	92	1	39.5	0.34	1.2	Blairstown	68	16	37.2	.....	.....
Ashland b*1	84	1	37.1	0.53	1.1	Strang*1	88	1	38.9	0.01	0.1	Boonton	56	7	35.0	2.48	5.0
Auburn*†	98	2	40.2	1.87	5.5	Superior*1	85	-1	36.8	T.	T.	Bridgeton	66	22	41.4	4.00	1.0
Aurora*1	86	-2	35.3	.....	.....	Sutton	92	-3	36.9	0.87	3.7	Cape May	59	24	40.4	3.34	2.2
Bancroft	82	24	34.14	0.36	T.	Tecumseh†	88	2	37.4	1.25	2.5	Cape May C. H.†	68	21	39.6	3.95	2.0
Bassett*1	86	-1	35.5	1.95	14.5	Tekamah	87	-2	35.8	1.40	6.0	Charlotteburg	61	8	32.8	2.05	5.0
Beardcroft	91	3	39.2	0.92	5.0	Turlington†	88	0	37.6	1.05	4.1	Chester	55	10	32.8	2.28	3.0
Beaver City	82	-5	40.3	0.15	1.5	Weeping Water*1	86	-2	34.2	1.18	5.0	Colesville	56	8	31.8	.....	.....
Benkelman*1	88	-8	39.4	0.10	1.0	Weston	88	.....	T.	.....	.....	Deckertown	51	10	32.8	1.77	6.0
Blue Hill*1	86	2	39.6	0.01	0.1	Wilber*1	92	8	41.8	0.10	1.0	Dover	64	12	34.8	2.11	.....
Brattton*1	88	2	38.2	1.66	4.7	Wilcox	90	-10	36.8	0.02	0.2	Egg Harbor City	68	21	38.2	2.90	2.5
Broken Bow*1	85	-6	34.8	.....	.....	Wilsonville	90	3	37.2	0.14	T.	Elizabeth†	61	15	36.0	2.36	3.0
Burchard*1	90	0	40.4	0.50	T.	York*1	90	.....	.....	Franklin Furnace	62	10	32.0	2.10	9.7		
Burwell*1	78	2	36.2	0.95	4.0	Nevada.	.....	.....	.....	Freeshold	59	18	37.6	4.28	1.5		
Callaway†	84	-7	35.8	0.12	1.5	Austin	61	12	34.6	0.49	2.5	Friesburg	65	14	38.0	2.42	6.5
Central City*5	90	6	41.3	0.11	0.5	Battle Mountain*1	62	17	41.7	0.10	1.0	Gillette	65	14	38.0	2.42	6.5
Chadron*1	96	-20	38.6	1.28	12.3	Belmont	59	6	32.2	1.72	7.0	Hammonton	56	14	34.8	3.71	.....
Chester*1	86	2	38.8	0.10	T.	Beowawe*5	75	20	39.2	0.05	0.5	Hanover	64	18	34.8	2.89	4.0
Columbus†	88	1	38.6	3.0	Candelaria	73	15	44.6	0.05	3.5	Hightstown	64	18	36.6	3.88	7.0	
Cornelia	.....	.....	1.01	.....	Carlin*1	58	-8	29.2	0.45	4.5	Imlayshtown	54	19	35.6	4.06	3.5	
Cortland*1	87	2	36.4	1.00	0.4	Carson City	69	14	40.6	0.32	0.4	Junction	60	15	36.6	2.07	6.8
Creighton†	86	-7	31.4	1.67	4.0	Carson City (W. B.)	.....	.....	.....	Lambertville	60	20	41.2	3.28	13.5		
Crete	90	0	38.8	0.71	4.9	Clover Valley†	.....	.....	.....	Millville	72	20	41.2	3.28	1.5		
Culbertson	.....	.....	0.10	1.0	Cortez†	.....	.....	.....	Moorestown	63	19	38.5	3.97	3.0			
Curtis a†	71	-10	39.4	0.05	0.5	Cranes Ranch	79	18	46.4	0.06	1.0	Newark a	60	16	36.4	2.73	2.5
David City*†	86	0	35.8	0.30	2.0	Downeyville	79	18	46.4	0.06	1.0	Newark b†	61	18	36.4	2.73	2.2
Dunning*1	78	-8	35.1	0.28	2.5	Edgewood	58	0	32.4	1.49	14.5	New Brunswick a	62	16	37.2	3.26	3.7
Edgar*1	88	-2	38.7	0.20	2.0	Elko*2	60	10	32.6	0.15	1.5	New Brunswick b	61	19	36.2	3.14	3.7
Elba	.....	.....	0.10	.....	Elko (near)	70	4	36.2	0.32	8.2	Newton	55	9	31.6	2.51	6.5	
Ericson*†	85	-2	35.1	0.73	3.0	Ely	64	0	31.2	1.65	11.5	Ocean City	57	21	38.0	3.24	6.5
Ewing†	.....	.....	0.96	.....	Empire Ranch†	67	10	34.4	0.10	1.5	Oceanic	64	21	39.1	3.96	6.5	
Fairmount*1	88	0	37.8	0.48	4.0	Fenelon*2	62	8	31.3	1.15	0.5	Paterson	62	16	38.2	2.42	5.5
Fontanelle	86	0	35.8	0.54	3.7	Genoa	61	28	41.0	0.40	0.3	Perth Amboy	62	18	37.3	2.45	0.6
Fort Robinson	78	-20	38.0	2.35	23.5	Golconda*1	72	28	37.7	0.75	7.5	Plainfield	61	17	37.4	3.15	4.4
Franklin†	92	10	43.5	0.00	.....	Gold Hill	70	11	46.8	0.08	0.5	Pochunk Mountain	53	9	31.5	2.08	6.7
Geneva†	92	0	39.1	0.25	2.5	Halleck*1	65	5	28.7	0.29	1.9	Rancocas*	56	19	40.0	4.09	6.2
Genoa†	89	0	36.3	0.92	1.3	Hawthorne a*2	61	18	42.8	0.29	2.5	Readington*6	60	20	40.3	.....	.....
Gering†	79	-13	34.0	0.68	6.8	Hawthorne b	72	9	41.8	0.12	2.5	River Vale	54	20	35.0	2.64	2.0
Gibbon	87	-1	39.1	0.07	.....	Hot Springs*1	69	25	39.7	0.08	0.5	Salem	69	20	40.8	4.06	T.
Glenwood*2	86	-6	29.1	0.62	3.5	Humboldt*2	70	18	38.5	0.30	3.0	Somerville	61	14	37.6	3.19	3.5
Gothenburg	87	-4	41.9	0.20	1.7	Lewers Ranch	72	11	47.6	.....	.....	South Orange	58	16	36.8	2.60	4.0
Grand Island*1	91	2	39.2	0.07	0.7	Lovelock*1	76	26	47.6	0.00	1.9	Toms River	67	18	37.5	4.46	3.8
Greeley Center*1	84	0	36.7	0.09	T.	Marlette Lake†	.....	.....	.....	Trenton	62	17	38.8	3.67	0.6		
Hagler*1	86	-4	38.5	0.20	2.0	Mill City*1	65	13	36.7	0.20	2.0	Vineland	68	20	40.0	4.08	4.0
Hartington†	80	-2	33.4	0.52	2.0	Osceola†	68	11	37.1	1.00	8.5	Whiting	73	20	40.6	4.00	1.0
Harvard*1	90	0	36.8	0.17	1.8	Palmside*1	54	6	31.8	0.60	6.0	Woodbine	67	19	38.2	3.99	.....
Hayes Center	.....	.....	0.20	2.0	Paradise Valley	80	7	39.6	0.48	2.0	New Mexico.	.....	.....	.....	.....	.....
Hay Springs†	77	-21	29.5	1.82	11.0	Reno State University	66	14	40.5	0.07	T.	Albert†	84	16	47.9	0.08	.....
Hebron†	91	2	38.7	0.28	2.0	Ruby Valley†	.....	.....	.....	Albuquerque†	75	21	45.2	0.07	0.5		
Hickman*1	90	2	39.4	0.53	1.0	St. Clair	68	14	40.7	0.06	0.5	Alma†	81	17	47.4	0.26	.....
Holdredge*1	85	3	31.4	0.40	4.0	Stofie	52	-23	22.2	1.45	7.5	Aztec†	75	16	41.9	0.10	2.0
Imperial a†	88	3	36.8	0.25	2.5	Sunnyside	77	3	40.2	2.18	8.5	Chama†	73	8	34.0	2.35	23.5
Indiana*6	90	-5	39.7	0.20	2.0	Tecoma*2	72	20	37.2	0.18	0.5	Deming*2	84	26	37.9	0.00	.....
Kearney*1	84	2	40.0	T.	Toano*1	60	9	32.2	0.00	1.8	East Las Vegas†	77	16	45.0	0.30	8.0	
Kimball†	80	-17	38.5	1.10	11.0	Tybo	66	9	37.4	1.89	4.0	Eddy†	88	22	55.8	0.00	.....
Lexington†	85	-7	35.0	0.30	3.0	Verdi*2	70	15	38.8	0.73	2.0	Engle†	80	14	50.0	0.00	.....
Lincoln	90	2	38.0	0.50	.....	Wadsworth*2	68	20	40.0	.....	.....	Estallina Springs†	.....	.....	.....	0.18	0.6
Lodge Pole†	84	-12	35.6	0.20	2.0	Wells*2	65	10	30.7	1.73	11.0	Fort Bayard	76	18	46.4	0.08	0.2
Lynch*1	81	-11	38.6	1.55	4.8	Yerington	70	14	42.3	0.18	1.8	Fort Stanton†	76	18	45.4	0.11	1.2
McCook*1	89	-5	39.9	0.10	1.0	Alstead*6	46	2	26.0	2.90	12.2	Fort Wingate	78	12	40.8	.....	.....

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>New York—Cont'd.</i>	0	0	0	Ins.	Ins.	<i>North Carolina—Cont'd.</i>	0	0	0	Ins.	Ins.	<i>Ohio—Cont'd.</i>	0	0	0	Ins.	Ins.
Big Sandy * ¹⁰	48	-1	26.4	.....	.....	Lenoir *†	78	24	46.1	4.52	0.5	Carrollton	63	10	33.2	1.86	6.0
Binghamton †	53	-4	27.4	1.58	8.5	Linville †	71	12	38.7	6.05	2.5	Cedarville	79	12	37.8	0.70	0.5
Bolivar	.....	.....	.....	1.55	.....	Littleton †	82	23	47.2	4.63	4.0	Celina	79	12	40.1	2.90	11.0
Bovina Center	.....	.....	.....	1.44	.....	Louisburg †	85	24	48.1	4.58	2.2	Cherry Forks	83	12	40.1	1.18	3.5
Brentwood	55	11	34.0	2.90	2.0	Lumberton †	82	29	52.3	5.31	.....	Circleville a †	80	16	39.5	1.18	3.0
Brookfield	53	-6	24.8	1.37	12.5	Lynn *†	85	.....	46.6	6.58	.....	Clarksburg	80	18	39.0	1.61	1.8
Brooklyn	55	17	36.9	8.37	4.5	Mocksville †	84	24	49.9	5.00	.....	Cleveland	63	6	33.5	1.61	7.2
Buffalo	.....	.....	.....	8.8	.....	Moncure †	83	24	48.8	5.58	1.2	Cleveland (W. B.)	76	.....	.....	.....	4.4
Charlotte * ¹¹	65	8	26.8	1.96	.....	Morganton *†	80	26	48.4	2.48	.....	Clifton	76	14	38.8	1.69	1.5
Cherry Creek	.....	.....	.....	Cooperstown †	46	0	25.2	1.98	11.8	Mount Airy †	88	20	44.6	4.75	1.5		
Corlant	46	2	25.6	1.36	.....	Mount Pleasant	84	23	48.8	5.82	.....	Coalton	84	6	40.0	1.70	6.0
De Kalb Junction	.....	.....	.....	1.16	.....	Murphy †	.....	.....	.....	Colebrook	58	2	26.2	1.50	2.8		
Demster	.....	.....	.....	1.29	.....	Newbern †	86	29	53.4	5.10	T.	Columbus	81	17	39.3	1.77	11.0
Deposit	.....	.....	.....	2.10	.....	Oak Ridge †	83	20	47.0	4.88	1.8	Cynthiana	81	17	38.8	1.78	2.5
Eden	57	3	28.9	2.85	19.0	Pantego †	.....	.....	.....	Dayton a	80	15	38.8	1.85	0.8		
Elmira †	55	7	31.4	1.37	.....	Pittsboro	82	24	46.4	4.80	1.0	Defiance	70	0	38.2	0.70	4.0
Fleming	52	6	27.0	0.60	0.5	Raleigh *†	82	25	50.5	5.45	1.0	Demos	68	14	34.8	1.34	2.5
Fort Niagara †	55	2	27.6	0.73	3.5	Raleigh (W. B.) †	88	25	52.8	6.77	1.5	Dupont	76	4	31.8	0.65	5.0
Friendship	55	5	28.0	1.01	4.3	Rockingham †	83	23	47.4	4.87	2.0	Elyria	80	7	31.8	1.82	2.8
Fulton	.....	.....	.....	1.12	.....	Roxboro †	83	23	50.5	5.40	T.	Fairpoint Harbor * ¹⁰	54	8	25.6	2.27	4.6
Glen's Falls	45	-2	27.5	2.05	19.2	Salisbury	73	23	50.5	5.40	T.	Fayetteville	80	18	38.8	2.12	5.2
Gloversville	49	1	25.6	3.21	16.2	Saxon †	86	20	46.7	4.00	3.5	Findlay	73	3	34.1	0.82	2.0
Hamilton	49	-6	24.2	2.28	19.7	Seims †	84	26	50.1	7.37	T.	Fostoria	68	8	31.3	1.60	0.3
Hess Road Station †	54	2	26.4	0.80	6.9	Shelby †	80	24	44.6	6.12	.....	Frankfort	80	10	39.3	1.60	3.0
Honeymead Brook	56	11	30.7	1.78	8.1	Skyuka †	76	22	46.0	8.45	T.	Garretttsville	61	7	31.3	1.79	4.8
Humphrey †	53	3	27.3	1.54	10.5	Sloane †	84	26	52.4	6.18	T.	Georgetown	86	18	41.7	1.40	5.8
Hyndsville	53	2	27.1	.....	Soapstone Mount †	85	20	47.0	4.86	1.8	Granville	75	18	35.9	2.28	2.5	
Ithaca	54	2	28.0	1.26	7.7	Southern Pines †	86	25	51.6	8.78	T.	Gratot	74	15	36.7	1.46	1.5
Jamestown * ¹²	53	4	28.5	2.01	.....	Southport †	72	29	52.2	4.47	2.4	Greifield	78	20	39.1	1.07	4.2
Kings Station	.....	.....	.....	1.81	7.5	Waynesville †	80	16	44.6	5.98	1.5	Greenhill	60	1	32.1	1.86	4.7
Lebanon Springs	50	2	27.4	.....	Weldon	84	26	48.0	5.19	.....	Greenville	78	18	36.0	1.21	2.5	
Le Roy	54	1	25.8	2.40	23.0	Willeyton	82	26	48.0	4.98	1.5	Hackney	70	12	37.7	1.42	6.0
Lockport	51	1	25.2	1.56	8.0	Wilmington	.....	.....	.....	Hanging Rock	81	14	40.9	3.65	4.0		
Lowville	55	-5	23.8	1.42	15.0	<i>North Dakota.</i>	.....	.....	.....	Harbor	80	3	29.5	1.75	7.0		
Lyons	57	8	28.4	0.90	4.0	Ashley †	65	-19	25.4	0.72	7.2	Hebardsville	88	16	40.7	2.11	0.7
Madison Barracks †	45	-3	24.4	2.16	12.6	Bismarck	64	-20	25.0	T.	Hedges	76	0	33.8	1.85	5.5	
Malone	44	-5	21.4	1.85	9.0	Bottineau †	60	-24	19.3	0.15	1.5	Hillhouse	60	3	29.3	2.02	10.5
Manhattan Beach †	48	18	35.4	2.90	4.0	Devils Lake	59	-28	28.0	0.45	1.8	Hiram	59	3	29.5	1.59	2.8
Massena	50	-10	28.5	.....	Dickinson †	70	-17	24.5	1.06	1.5	Jacksonboro	80	16	37.8	0.80	2.8	
Middletown	48	11	30.5	.....	Ellendale †	68	-16	24.1	0.05	0.5	Kenton †	78	9	37.0	1.83	1.2	
Minnewaska	54	4	27.4	1.60	.....	Forman †	64	-20	24.8	T.	Kilbourne	78	10	34.8	1.18	5.1	
Mount Morris	59	8	28.0	1.07	.....	Fort Berthold †	74	-18	27.9	0.04	0.2	Killbuck	68	11	34.5	1.99	6.0
New Lisbon	46	-8	24.2	1.41	16.8	Fort Yates †	75	-15	31.2	0.78	.....	Leipsic	72	8	32.7	0.61	1.5
New York	.....	.....	.....	.....	Gallatin †	60	-26	21.4	0.10	1.0	Levering	70	3	31.1	1.80	3.0	
North Hammond *†	50	-8	21.9	1.41	10.5	Grafton †	58	-28	20.4	0.05	T.	Logan	80	13	39.5	1.82	1.1
Number Four †	49	-10	30.5	2.59	23.1	Jamestown †	60	-17	26.3	T.	Lordstown	61	7	30.9	1.61	3.4	
Ogdensburg	47	-7	22.1	.....	Kelso †	63	-21	16.8	0.00	0.3	Lowell	.....	.....	.....	.....	8.0	
Oneonta	54	2	29.6	.....	Lakota †	58	-24	20.0	0.10	0.3	McArthur	66	11	36.5	3.03	5.0	
Oswego	.....	.....	.....	9.8	.....	Larimore †	59	-25	24.0	.....	McConnellsville	75	13	37.9	1.89	6.0	
Oxford	50	-7	27.0	2.18	14.4	Levett	.....	.....	.....	Manfield †	.....	.....	.....	1.92	9.3		
Palermo †	47	-2	28.8	0.88	6.5	Nashua	60	-28	24.8	0.25	0.2	Marietta a †	73	13	39.8	3.10	7.5
Perry City	50	0	26.6	2.06	16.2	.....	61	-27	21.5	0.26	0.5	Marietta b	73	10	34.7	1.42	4.5
Phoenix	.....	.....	.....	1.01	.....	.....	61	-28	24.8	0.10	0.4	Marion	73	10	32.8	1.47	4.5
Pine City	.....	.....	.....	1.43	.....	.....	61	-28	21.4	0.04	0.4	Medina	61	7	32.8	2.04	2.8
Plattsburg Barracks	50	0	26.2	0.74	7.0	.....	61	-28	21.4	0.05	0.5	Millfordton	78	12	33.4	2.04	2.8
Port Jervis	54	8	31.1	1.69	5.0	.....	61	-28	21.4	0.05	0.5	Milligan	76	13	37.9	1.46	2.0
Poughkeepsie	53	7	31.6	1.71	6.0	Power †	58	-19	25.3	T.	Montpelier	67	3	30.6	0.73	3.5	
Rochester	.....	.....	.....	9.5	.....	St. John †	55	-26	19.2	0.10	1.0	Napoleon	66	1	32.0	0.59	2.0
Rome	48	4	25.0	0.89	.....	Sheyenne †	67	-22	22.9	0.45	1.0	New Alexandria	65	13	34.9	4.12	14.5
Romulus	54	8	29.4	1.00	5.2	.....	67	-20	25.3	0.10	0.5	New Berlin	60	10	32.7	1.86	3.5
Saranac Lake	48	-8	19.6	1.37	18.0	University †	59	-20	28.2	0.05	0.5	New Bremen	78	11	35.4	1.17	4.0
Saratoga Springs	48	0	27.4	.....	.....	Washburn †	71	-22	16.8	0.35	2.0	New Comerstown	66	14	34.6	1.40	T.
Setauket †	53	18	35.5	3.08	2.0	White Earth †	65	-18	26.1	0.16	1.6	New Holland	80	16	37.5	1.37	2.1
Sherwood	.....	.....	.....	1.21	.....	Wild Rice †	78	-22	28.3	T.	New Moscow	.....	.....	.....	1.97	2.7	
Skaneateles	.....	.....	.....	2.23	.....	Williston	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
South Canisteo	55	5	26.5	1.63	6.3	Willow City †	65	-29	20.6	T.	.....	.....	.....	1.97	2.7		
South Kortright †	49	-5	26.1	1.69	.....	Woodbridge †	51	-35	18.2	0.08	T.	.....	.....	.....	1.97	2.7	
Stillwater	52	-4	27.2	2.58	16.5	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
Turin	48	-4	21.2	3.23	29.1	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
Varysburg	56	-6	26.7	1.73	5.5	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
Wappingers Falls	51	7	31.0	1.23	6.0	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
Warwick	.....	.....	.....	1.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7		
Watertown	50	-6	24.4	1.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7	
Waverly †	50	-6	26.4	1.60	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.97	2.7	
Wedgewood	53	8	27.0	1.00	7.5	.....										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>						<i>Oregon—Cont'd.</i>						<i>Rhode Island.</i>					
Steuben	65	6	33.4	1.59	7.1	Siskiyou * ⁸	67	23	49.7	3.30	33.0	Block Island	○	○	○	In. 7.5	
Stoutsville				1.74	8.0	Sparta	60	3	35.4	0.64	8.0	Bristol				3.83	5.0
Sylvania	69	7	30.0	1.29	6.0	Springbrook	66	26	45.5	3.82	0.2	Kingston	52	15	38.6	4.00	5.0
Thurman	84	11	38.7	2.75	5.0	Springfield * ⁸	68	19	48.4	5.40		Lonsdale				3.04	3.0
Tiffin †	64	8	33.1	1.40	6.2	The Dalles †	68	19	46.2	0.65		Narragansett Pier				4.7	
Toledo					5.2	Toledo	75	18	45.9	9.36		Pawtucket	51	21	36.2	3.17	1.5
Upper Sandusky	70	9	33.9	1.88	5.0	Umatilla †				0.25		Providence a	50	18	36.2	3.31	2.0
Vanceburg	84	14	41.4	2.97	4.0	Vale	73	14	39.4	0.04		Providence c	49	16	34.2	3.41	2.0
Van Wert	78	7	33.1	0.87	3.4	West Fork * ⁸	72	25	45.9	5.90	1.0	<i>South Carolina.</i>					
Vermillion	60	4	30.7	1.66	9.5	Weston	73	11	42.6	1.04	8.8	Anderson †				6.88	
Vickery	68	2	31.3	1.06	4.6	Williams	68	19	44.6	8.48	1.5	Blackville	86	30	55.8	5.91	
Walnut				1.11	4.8	<i>Pennsylvania.</i>						Blenheim * ⁸	80	49.4	5.57		
Warren	61	7	32.7	2.59	7.0	Altoona	68	24	41.7	1.05		Camden †	88	25	52.4	4.43	
Warsaw	69	8	34.0	1.03	1.5	Aqueduct	62	19	38.8	2.04	6.5	Central	85	27	52.4	6.24	
Wauseon	67	2	31.2	1.62	8.9	Beaver Dam				1.45	5.2	Cheraw a †	78			7.08	
Waverly	85	18	41.4	2.16	5.3	Bethlehem				2.31		Cheraw b †				4.66	
Waynesville				1.76	1.5	Blooming Grove * ¹	57	7	30.6	1.47	4.0	Conway †				1.14	
Wellington	68	5	33.5	1.68	4.5	Brookville †				2.38	8.0	Darlington * ¹⁴	84	89	53.0	4.80	
Westerville	73	18	36.5	1.35	1.4	Browers Lock				3.42		Edisto †					
Wheeler †				0.17	1.5	Carlisle a	63	18	36.1	5.67	8.0	Eminham †				5.02	
Willoughby				0.81	2.5	Cassandra	55	12	38.3	3.22	22.0	Georgetown †	80	31	55.9	5.75	
Wooster a	59	9	32.4	1.98	4.2	Chambersburg †	63	19	36.8	2.03	0.5	Gillisonville †	87	28	56.8	4.26	
Wooster b †				2.00	3.8	Clarion †				2.24	16.6	Greenville †	84	25	48.6	6.11	
Youngstown	60	10	33.6	1.70	4.5	Coatesville	70	17	36.2	3.48	10.0	Greenwood †	84	30	51.7	6.06	
Zanesville †				1.15	1.0	Confluence †				4.08	11.0	Hardeeville †	84	24	57.8	4.39	
<i>Oklahoma.</i>						Coopersburg	59	14	35.4	2.60	8.1	Holland †	86	24	50.9	6.72	
Alva †	94	9	49.5	T.	T.	Davis Island Dam †				1.48		Kingstree b †				3.66	
Anadarko †	94	14	53.4	T.	T.	Doylestown				2.77		Little Mountain	87	26	58.8	4.04	
Arapahoe †	93	10	48.5	0.06		Drifton	64	6	33.4	1.18	10.9	Longshore †	82	27	50.8	5.78	
Britton				0.75		Dubois †				1.95		McCormick * ¹	82	30	51.9	6.61	
Buffalo †	20	10	49.4	0.20	3.0	Dyberry †	55	5	27.4	1.44	11.0	Mount Carmel †				7.02	
Burnett †	91	14	52.1	0.67	T.	East Mauch Chunk	60	11	33.0	2.53	7.5	Pinopolis * ¹	78	24	54.7	5.25	
Clifton †	92	12	50.4	0.90		Easton	58	11	34.8	2.16	4.8	Port Royal †	78	23	57.4	3.80	
Fort Reno †	91	11	48.6	0.25		Edinboro	62	1	27.8		3.0	Ridgeway †	78	27	58.4	6.40	
Fort Sill	91	15	52.0	0.20		Ellwood Junction				0.99		St. George †	84	32	52.2	4.29	
Guthrie †	91	12	51.6	0.30	T.	Emporium	55	5	30.8	1.60	10.6	St. Matthews †	87	33	56.6	6.24	
Keokuk Falls †	93	12	50.0	0.54		Erie				1.60	6.5	St. Stephens †				4.58	
Mangum †	94	12	52.1	0.00		Forks of Neshaminy * ¹	60	22	39.0	3.51		Santuck †	85	24	49.4	4.07	
Norman †	93	10	51.1	0.62	T.	Frederick				3.17		Shaws Fork * ¹	90	31	56.4	7.25	
Oklahomat						Freeport †				2.55	11.0	Society Hill †	88	28	53.0	6.64	
Ponca †	91	11	48.9	0.50	T.	Girardville	61	18	36.3	1.83	6.0	Spartanburg	88	23	51.5	4.02	
Pond Creek †	93	8	46.8	0.05	0.5	Grampian	54	6	29.6	1.90	17.0	Statesburg †	86	35	54.2	6.01	
Sac and Fox Agency †	92	11	50.6	1.10		Greensboro †				2.48	7.0	Trenton	82	31	54.9	7.64	
Winnview †	91	12	51.4	0.02	0.1	Greenville	53	6	29.6			Trial †	85	32	56.5	5.86	
<i>Oregon.</i>						Hamburg	59	18	35.0	2.05	7.5	Watts * ⁶	86	28	52.0	7.89	
Albany a †	69	24	46.0	4.44	T.	Harrisburg				2.49		Yorkville	85	27	51.0	5.55	
Arlington †	75	16	44.2	0.25		Hollidaysburg	63	13	35.4	2.33	12.2	<i>South Dakota.</i>					
Ashland †	70	20	44.7	1.52	4.8	Honesdale	56	8	30.4	1.51	6.5	Aberdeen †	72	16	27.4	0.20	1.0
Aurora * ⁸	73	25	48.5	4.30		Huntingdon †	62	10	37.3	1.42	9.0	Alexandria †	80	8	30.0	1.05	0.8
Aurora (near)	68	20	45.6	4.67	T.	Johnstown †				2.49	10.5	Ashcroft †	82	12	30.8	1.85	18.0
Baker City						Kennett Square	66	18	35.3	3.48	2.0	Bowdrie * ¹	60	11	30.7	1.25	
Bandon	61	24	46.3	12.10		Lancaster	67	17	37.3	3.02	8.7	Brookings †	69	14	29.4	0.66	0.4
Beulah	68	8	34.3	0.18		Lansdale				3.24		Castlewood †	69	8	31.5	0.95	6.5
Brownsville * ⁸	70	18	44.4	4.78		Lebanon	59	16	34.1	2.49	10.8	Clark †	71	13	29.6	0.47	0.5
Burns †	67	8	37.4			Le Roy †	51	5	26.5	1.55	8.7	Cross †	74	13	28.8	2.81	27.8
Canyon City †	74	9	49.4			Lewisburg	59	12	34.2	1.88	8.2	De Smet	68	15	24.4	0.85	0.1
Cascade Locks	64	23	44.9	7.35		Lock Haven †	58	10*	38.5	1.69	14.5	Edgemont					
Comstock * ⁸	72	20	48.6	5.90		Lock No. 4 †				1.82	1.0	Farmingdale				0.97	3.2
Condon	70	7	38.0	2.20	2.0	Lycopsis	67	14	33.4	2.53	10.8	Faulkton †	73	15	26.6	0.67	T.
Corvallis a	66	26	43.9	4.45		Mahoning †				1.51	9.6	Flandreau †	73	14	26.6	0.39	1.0
Corvallis (near)	65	25	44.4	4.84		Oil City †				1.64	4.0	Forestburg †	77	8	30.8	0.70	0.5
Detroit †	65	15	40.0	6.47	18.0	Ottsville				3.30		Gary †	64	15	27.6	0.00	
East Portland	70	20	44.6	1.46		Parker †				2.20	5.2	Greenwood	84	5	38.8	1.05	3.8
Eugene †	70	24	44.8	4.88	T.	Philadelphia a	62	20	38.3	3.21	5.0	Highmore †	84	12	28.6	0.74	4.1
Fife †	60	6	39.6	0.25	2.5	Philadelphia b	62	20	38.3	3.24	5.0	Hotch City †	78	9	32.9	0.76	6.4
Forest Grove	67	19	43.6	2.99	T.	Philadelphia (W. B.)	66	18	37.3	3.61	5.0	Howard †	73	10	28.3	0.68	0.5
Gardiner	65	26	47.4	10.35		Phenixville				5.0		Huron					1.5
Glenora	70	18	42.2	11.54	5.2	Pittsburg				7.6		Ipswich * ¹	68	18	28.8	0.68	5.5
Grants Pass d	72	18	45.2	3.23		Point Pleasant				3.42		Kimball †	68	6	32.2	1.02	
Happy Valley †	73	6	35.6	0.38	2.6	Pottstown	67	17	37.7	3.57	11.0	Leslie †	68	29	38.8	0.08	T.
Heppner †	70	7	41.8	1.00	2.2	Quakertown	62	14	34.0	2.70	7.5	Millbank †	68	13	29.8		
Hood River (near)	62	13	40.4	8.68	9.5	Reading †				2.19		Mitchell	79	5	32.6	0.95	0.2
Hubbard	67	26	44.0	5.30		Saegebarth †				1.52	7.5	Northville * ¹	80	15	27.5	0.17	0.8
Jacksonville	68	21	44.6	2.25	0.2	Salem Corners	59	2	30.3	1.14	T.	Oelrichs †	81	18	31.0	2.21	49.0
Joseph †	65	5	33.4	2.20	18.5	Saltsburg †	55	4	29.4	1.91	12.6	Parker †	76	7	30.7	1.76	4.0
Junction City * ⁸	56	23	38.9	2.93		Somerset	65	5	32.5	3.34	20.5	Parkston †	80	10	29.8	1.	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Tennessee—Cont'd.	°	°	°	In.	In.	Tennessee—Cont'd.	°	°	°	In.	In.	Tennessee—Cont'd.	°	°	°	In.	In.
Bristol†	74	19	42.6	4.00	2.0	Mount Blanco†	87	15	51.5	T.	T.	Fredericksburg†	70	26	42.9	3.51	1.0
Byrdstown†	85	21	48.4	5.27	2.8	New Braunfels†	81	33	60.3	2.98	0.12	Graham's Forge	80°	16°	40.5°	3.07	6.0
Carthage†	85	21	56.6	5.66	0	Ochiltree†	80	34	61.2	2.90	0.3	Hampton	73	26	45.4	4.23	5.0
Charleston†	85	21	63.8	6.38	0	Orange†	80	34	61.2	1.13	0.3	Hot Springs	80	21	40.6	—	—
Chattanooga	83	22	47.7	4.17	T.	Panter†	87	28	55.2	8.98	0.18	Irwin†	71	21	44.1	3.17	6.0
Clarksville	83	22	48.2	4.93	T.	Roby†	89	15	51.8	0.20	Lexington†	82	18	48.8	2.75	7.7	
Clinton†	83	22	48.2	6.58	T.	Rockport†	80	40	63.2	0.17	Lynchburg	75°	20°	41.7°	2.70	8.0	
Columbia†	84	22	44.1	6.46	T.	Rock Springs†	84	25	55.0	0.17	Marion†	75°	20°	41.7°	2.68	10.0	
Covington†	86	28	58.6	—	—	Round Rock†	78	33	60.1	0.06	Monterey†	75°	14°	44.6°	—	—	
Fairmount*	78	22	47.0	—	—	San Antonio	83	32	63.1	1.91	Norfolk	84	19	46.2	3.99	5.0	
Florence†	81	22	48.4	5.26	0.2	San Marcos†	86	18	57.8	1.52	Nottoway	74	21	46.3	5.83	9.0	
Franklin†	83	19	48.3	6.20	1.0	Sierra Blanca†	89	30	54.9	0.00	Petersburg†	74	21	46.3	4.51	4.0	
Greenville†	81	20	46.2	5.64	2.8	Stafford†	87	31	62.0	0.74	Radford†	77	20	46.6	4.84	6.5	
Harriman†	85	17	46.0	4.82	T.	Sulphur Springs†	89	23	59.6	6.00	Richmond (near)†	77	20	46.6	0.9	—	
Hohenwald	67	20	44.6	6.86	0.5	Temple†	92	27	57.6	1.05	Richmond†	85	22	48.0	4.08	6.5	
Jacksonboro*	76	20	44.1	4.48	0.5	Tyler†	88	24	57.6	2.37	Rocky Mount†	85	22	48.0	—	—	
Jackson†	84	24	50.9	6.46	T.	Victoria	87	29	59.7	1.11	Salem†	84	22	47.3	3.86	5.5	
Johnsonville†	84	24	50.9	5.40	T.	Waco†	88	24	55.9	1.41	Smithville†	80	23	48.1	2.71	2.8	
Kingston†	—	—	—	4.50	—	Wichita Falls†	87	17	54.1	1.49	Spotsylvania†	74	21	49.4	5.45	2.2	
Knoxville	—	—	—	—	—	Utah	Alpine City†	70	15	89.2	0.98	Staunton†	73	12	42.4	2.53	4.0
Loudon†	—	—	—	6.85	T.	Blue Creek*	70	15	89.2	0.70	Stephens City†	71	21	40.8	3.56	3.2	
Lynnville*	84	19	47.7	7.86	1.0	Brigham City	—	—	8.19	8.0	Sunbeam†	74	23	46.3	5.26	1.0	
McMinnville†	79	14	46.2	5.87	T.	Castle Gate†	55	5	31.6	1.40	Warsaw†	73	23	48.6	3.73	1.5	
Mount Carmel	84	25	50.6	6.90	T.	Cisco†	88	19	44.8	1.08	Whittier Depot†	74	23	45.4	4.24	8.5	
Nashville	—	—	—	0.8	T.	Corinne*	70	25	41.5	1.60	Wytheville†	76	17	40.8	2.70	9.0	
Newport*	82	22	44.2	5.80	1.0	Deseret†	78	55	35.9	0.68	Washington	Aberdeen†	66	24	45.7	6.96	T.
Nunnelly*	89	23	49.7	8.49	0.4	Emery†	—	—	0.40	4.0	Anacortes	—	—	1.84	—	—	
Palmetto†	84	23	45.4	4.48	T.	Fillmore†	78	—2	36.0	2.06	Blaine†	68	18	42.3	2.81	T.	
Parksville*	84	23	45.4	4.48	T.	Fort Duchesne†	70	—9	27.9	0.09	Bridgeport†	71	20	48.4	0.10	T.	
Riddleton†	84	20	45.8	3.81	T.	Giles†	88	12	42.8	T.	Cascade Tunnel†	58	8	31.7	4.20	65.0	
Rockwood†	—	—	—	5.07	—	Grouse Creek*	88	12	31.4	0.86	Centererville†	66	16	41.6	0.06	0.8	
Rogersville*	75	25	44.8	5.98	T.	Grover†	87	4	33.9	0.02	Colfax†	68	18	39.4	0.91	4.2	
Rugby*	80	22	45.9	6.14	1.5	Heber†	68	—6	29.6	1.45	Connell†	80	18	46.2	—	—	
Sevanah*	84	23	58.3	4.68	T.	Huntsville†	—	—	3.07	6.0	East Clallam	—	—	8.0	—	—	
Springdale*	84	23	46.2	4.90	2.0	Kelton*	45	21	34.6	0.05	Elbe	61	28	43.8	1.05	—	
Strawberry Plains†	—	—	—	4.65	T.	Koosharem	65	—9	29.4	0.99	Ellensburg†	69	9	41.0	0.03	0.3	
Trenton	82	22	49.0	6.36	T.	Levan†	69	—2	34.4	3.50	Ellensburg (near)	66	10	40.8	0.10	1.0	
Tullahoma*	81	18	46.6	8.50	T.	Manti†	72	—4	39.3	2.70	Ferry†	74	19	46.8	0.60	3.0	
Waynesboro*	83	22	48.3	5.83	T.	Millville†	—	—	2.50	—	Fort Spokane	68	14	40.8	0.01	T.	
Texas.	—	—	—	—	—	Mosb†	85	19	47.0	1.57	Grand Mound†	65	19	44.4	3.39	T.	
Albany*	76	24	55.4	0.62	—	Mount Pleasant*	65	5	38.7	2.00	Index†	64	24	46.0	8.40	4.5	
Alice†	91	36	66.1	1.20	—	Oakley†	—	—	1.70	7.0	Kennettick†	73	15	45.8	0.03	6.9	
Amarillo	—	—	—	—	Odgen*	75	19	39.3	1.60	Lakeside†	59	21	41.6	0.27	1.5		
Aurora*	92	24	57.1	1.20	—	Odgen†	75	19	41.7	2.17	Lapush†	58	26	42.8	9.85	0.5	
Austin*	85	23	60.7	—	—	Pahreah†	80	25	44.6	0.10	Madrone†	68	26	44.5	4.46	T.	
Boerne*	83	20	58.9	2.09	—	Parowan†	73	9	37.6	1.98	Monte Cristo†	68	16	38.6	9.98	92.5	
Brady†	85	22	58.9	0.18	—	Promontory*	68	16	39.4	1.50	Moxee Valley†	73	12	42.0	0.02	T.	
Brazoria†	85	26	63.7	2.03	—	Provo City*	68	—8	36.6	1.15	Neah Bay	—	—	2.0	—	—	
Brenham†	84	22	61.6	3.04	—	St. George†	87	18	47.8	0.84	Ogallala	68	23	46.0	0.91	—	
Burnet†	82	22	61.1	1.58	—	Salt Lake City	—	—	5.2	—	Pine Hill*	65	16	42.3	1.84	1.2	
Camp Eagle Pass†	92	23	66.2	2.55	—	Santaquin	—	—	1.50	15.0	Port Angeles	68	11	38.2	0.69	1.2	
Coleman*	85	25	54.2	0.25	—	Scipio†	70	8	34.2	2.13	Puyallup†	68	—	37.8	0.61	4.7	
College Station	83	20	59.0	2.23	—	Snowville†	70	—15	34.2	1.08	Seattle	—	—	2.0	—	—	
Colmenell†	85	22	58.4	5.12	—	Soldier Summit†	60	—15	28.2	1.40	Silver Creek*	68	20	42.4	4.31	3.0	
Corsicana*	90	29	59.4	1.30	—	Terrace*	68	28	40.3	0.50	Snohomish†	68	23	43.7	4.29	5.0	
Corsicana†	88	28	58.2	2.78	—	Thistle†	74	—3	37.8	0.70	South Bend	67	24	46.8	8.08	—	
Cuero†	85	25	64.6	1.15	—	Vernal†	67	0	30.6	1.80	Spokane	—	—	—	—	4.9	
Dallas†	89	23	57.5	1.79	—	Vermont	Brattleboro	49	4	27.0	1.95	Stampede†	67	18	37.2	5.83	32.0
Devine†	86	30	66.8	0.95	—	Burlington†	47	4	28.8	0.77	Stillaguamish†	64	20	41.8	3.96	—	
Durham†	—	—	—	—	Cornwall†	50	3	26.4	0.90	Sunnyside†	73	13	43.0	0.01	—		
Duval*	88	31	62.2	0.95	—	Enochs Falls†	47	—6	28.6	0.85	Tacoma†	68	23	43.8	2.64	T.	
El Paso	—	—	—	—	Hartland†	49	—9	25.7	1.87	Tatooish Island	—	—	—	—	0.2		
Estelle†	88	22	57.1	1.68	—	Irasburg†	44	—8	20.5	1.34	Union City†	68	22	42.8	6.98	2.2	
Flower Bluff†	72	35	64.6	0.85	—	Jacksonville	50	—1	24.8	2.13	Vashon†	64	14	39.2	3.51	0.2	
Forestburg†	88	23	58.6	2.13	—	Northfield	—	—	16.2	—	Walla Walla	—	—	—	—	—	
Fort Brown†	89	29	61.6	1.60	—	Norwich*	49	—5	25.8	1.52	West Ferndale†	62	20	44.8	1.79	T.	
Fort Clark†	86	24	68.8	0.74	—	St. Johnsbury	44	—7	28.9	1.65	West Virginia	—	—	—	—	—	
Fort Hancock	89	9	52.6	0.00	—	Simonsville	47	—9	31.5	1.62	Beverly†	78	8	40.6	4.28	14.0	
Fort McIntosh	93	24	68.4	0.60	—	Strafford*	45	—1	24.8	1.39	Bloomery†	64	18	36.0	2.24	4.5	
Fort Ringgold†	96	37	68.7	0.64	—	Vernon*	44	—5	26.6	2.00	Bluefield†	77	15	40.8	3.88	6.0	
Fort Stockton†	—	—	—	0.30	—	Wells	45	3	26.1	1.73	Buckhannon a†	68	—	41.5	12.0	—	
Fort Worth*	89	25	56.4	0.73	—	Woodstock	47	—10	25.2	1.77	Buckhannon b†	76	6	40.4	—	—	
Fredericksburg*	84	30	58.1	1.85	—	Abingdon†	73	23	48.5	1.07	Burlington†	70	8	37.4	3.95	10.8	
Golind†	—	—	—	1.10	—	Alexandria	73	23	48.5	2.98	Central Station	73°	4	37.8°	3.98	5.0	
Graham†	91	20	56.5	2.41	—	Ashland†	76	20	45.0	2.06	Charleston†	—	—	3.87	4.0	—	
Grape Vine†	87	26	56.8	1.47	—	Avon†	79	19	45.0	2.06	Davis†	80	0				

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.				
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			
West Virginia—Cont'd.	°	°	°	In.	In.	Wisconsin—Cont'd.	°	°	°	In.	In.	Mexico—Cont'd.	°	°	°	In.	In.			
Huntington†	88	17	42.8	0.16	0.5	Janesville†	77	4	30.6	1.02	4.5	Mexico	84	40	60.9	2.53				
Leachtown†				2.81	7.0	Koepenick†	60	-20	20.2	0.35	3.0	Puebla	83	45	64.8	T.				
Madison†	79	16	48.1	2.74	5.0	La Crosse					2.0	Topolobampo†	80	63	67.4	0.00				
Marlinton†	85	4	37.5	1.46	10.5	Lancaster†	88	-2	31.0	0.72	4.8	Vera Cruz†	85	63	75.0	0.07				
Martinsburg†	88	19	39.5	2.25	0.5	Lincoln†						New Brunswick								
Monarch†	78	24	43.0	2.40	6.0	Madison†	73	0	30.0	0.37	1.4	St. John	41	5	37.5	2.97	6.8			
Morgantown†				3.97	8.0	Manitowoc†	63	-4	27.9	0.49	2.2	West Indies								
Morgantown†	90	9	38.2	1.77	6.0	Meadow Valley†	64	-6	29.1	0.35	2.5	Grand Turk Island								
New Cumberland†	68	15	37.8			Medford†	61	-18	28.4	0.34	1.9									
New Martinsville†	70	15	37.7	2.39	7.5	Milwaukee														
Nuttallburg†	78	9	40.1	1.25		Neillsville†	60	-8	25.5	0.85	2.0									
Parkersburg	80	2	38.2			New Holstein†	64	-5	28.8	0.46	1.0									
Philippi†				3.90	10.0	Oconomowoc†	67	0	31.1	0.60	0.2									
Point Pleasant†	84	14	42.5	8.14	7.0	Oconto	65	-7	26.4	0.20	2.0									
Powellton†	82	11	42.6	4.84	18.0	Osceola†	58	-10	26.2	0.55	T.									
Raleigh†	58	9	34.2	2.85	10.8	Pepin	64	-6	27.9	0.35	1.0									
Rowlesburg†				4.26	7.8	Pine River†	66	-6	28.8	0.06	1.1									
Sandystyle†	82	5	39.2	3.38	9.0	Portage†														
Tanner*	67	12	37.4		20.0	Port Washington	73	3	30.2	0.40	2.5									
Weston†				4.75	18.0	Prairie du Chien	69	-7	31.2	0.61	1.6									
Weston†	90	8	41.3			Racine*	68	4	29.4											
Wheeling†				2.82	6.1	Rhinelander†	58	-18	28.4	T.	T.									
Wheeling†	66	20	39.3	1.89	7.0	Royalton	66	-8	26.6	0.34	2.0									
Wiggins	81	20	42.6			Sharon†	60	0	29.6	1.34	6.0									
Wisconsin.						Shawano	63	-8	27.2	0.61	2.2									
Amherst.	64	-6	25.6	0.28	1.0	Sheboygan†	51	8	31.7											
Antigo†	58	-14	28.7	0.34	1.8	Spooner†	55	-12	24.8	0.12	1.0									
Apollonia*	65	-12	28.0	0.68		Sturgeon Bay Canal*	55	-10	24.6											
Barron†	58	-14	22.4	0.48	1.5	Valley Junction†	66	-7	28.2	0.38	-1.4									
Bayfield	52	-11	20.7	0.11		Viroqua	69	-7	29.4	0.34	2.0									
Beaver Dam.	62	0	30.0	0.62	4.8	Watertown†	69	-1	29.6	0.77	3.5									
Belleville.	59	-8	28.8	0.49	2.0	Waukesha†	66	0	30.0	0.58	2.0									
Beloit.	50	2	31.4	0.35	4.2	West Bend	67	-2	26.7	0.72	7.0									
Berlin.	60	0	32.0	0.17	T.	Westfield†	64	-4	28.0	0.50	1.5									
Black River Falls†	64	-6	28.4	0.85	3.5	Whitehall†	68	1	27.8	0.20	2.0									
Buttermilk†	54	-23	28.6	0.80	3.0	Wyoming.														
Chilton.	67	-5	29.0	0.44	2.6	Big Horn Ranch†	64	-18	25.8	0.80	9.5									
Chippewa Falls†				0.70		Cheyenne.														
City Point.	64	-7	27.4	0.81	T.	Fort Laramie†	70	-24	31.1	1.54	18.5									
Columbus.	62	-2	27.8	0.90	6.0	Fort Washakie	61	-18	29.6	7.90	79.0									
Crandon†	58	-11	20.1	0.35	3.5	Fort Yellowstone†	17	-17		2.79	25.1									
Delavan†	79	1	30.6	1.27	3.8	La Barge†	66	-25	28.2	0.43	3.2									
De Pere†	63	-5	26.1	0.47	3.2	Lander	70	-9	31.4	1.82	18.7									
Eau Claire.	68	-6	29.4	0.23	1.0	Lander (W. B.)														
Florence†	56	-18	19.6	0.30	2.9	Laramie	64	-6	27.5	0.48	9.0									
Fond du Lac†	66	-4	27.7	0.49	1.5	Lusk	73	-25	28.9	2.36	18.5									
Grautsburg†	56	-10	28.8	0.40	1.5	Saratoga†	64	-19	27.4	5.20	33.0									
Green Bay.						Sheridan	75	-18	29.4	0.97	8.5									
Hartford.				0.91	4.0	Sundance	68	-14	27.0	2.50	25.0									
Harvey†	78	-2	30.2	1.08	4.2	Mexico.														
Hayward†	57	-16	29.6	0.54	2.4	Cludad P. Diaz.	91	36	66.0	2.15										
Hillsboro.	67	-3	27.9	0.70	2.0	Leon de Aldamas	86	34	64.4	0.38										

TABLE III.—*Data from Canadian stations for the month of March, 1895.*

Stations.	Pressure.			Temperature.	Precipitation.	Prevailing direction of wind.	Stations.	Pressure.			Temperature.	Precipitation.	Prevailing direction of wind.
	Mean not reduced.	Mean reduced.	Departure from normal.					Mean.	Departure from normal.	Total.			
St. Johns, N. F.	Inches.	Inches.	Inches.	°	°	Inches.	Port Stanley, Ont.	Inches.	Inches.	Inches.	°	°	w.
Sydney, C. B. I.	29.54	29.69	-14	28.8	+ 1.0	8.02	Saugeen, Ont.	29.58	30.06	+ .08	28.8	.....	2.09
Anticosti, Gulf of St. L.	29.64	29.67	-18	28.6	+ 1.8	2.85	Parry Sound, Ont.	29.29	30.05	+ .08	19.8	.....	0.46
Sable Island, N. S.	29.75			29.6		6.44	Port Arthur, Ont.	29.24	29.99	- .09	14.5	.....	w.
Halifax, N. S.	29.68	29.82	- .07	29.1	+ 0.6	5.92	Winnipeg, Man.	29.14	30.08	- .09	11.6	.....	0.55
Grand Manan, N. B.	29.80	29.85		29.5		4.18	Minnedosa, Man.	29.07	29.99	- .10	12.3	.....	0.56
Yarmouth, N. S.	29.78	29.86	- .03	31.0	0.0	5.24	Qu'Appelle, Assin.	27.63	30.02	- .05	14.3	.....	0.11
St. Andrews, N. B.	29.75	29.81		27.4		8.04	Medicine Hat, Assin.	27.59	29.97	- .06	27.6	.....	0.58
Charlottetown, P. E. I.	29.74	29.78		24.6		2.09	Swift Current, Assin.	27.33	30.02	- .08	21.5	.....	w.
Chatham, N. B.	29.78	29.80	- 10	20.4	- 0.6	1.16	Calgary, Alberta	26.28	29.94	- .10	25.2	.....	0.70
Father Point, Que.	29.60	29.88	- .07	29.2	+ 0.7	0.26	Prince Albert, Sask.	28.38	29.99		14.8	.....	nw.
Quebec, Que.	29.56	29.91	- .04	18.8	- 1.2	1.05	Edmonton, Alberta	27.53	29.96	- .02	25.6	.....	0.85
Montreal, Que.	29.72	29.94	- .02	21.7	- 0.3	1.01	Battleford, Sask.	29.15	29.98		16.0	.....	se.
Rocklife, Ont.	29.40	29.95	- .03	18.6	- 2.4	0.66	Spences Bridge, B. C.	29.07	29.91		41.8	.....	nw.
Kingston, Ont.	29.68	30.02	+ .02	21.0	- 3.0	1.24	Hamilton, Bermuda	29.96	30.12	+ .04	62.0	.....	w.
Toronto, Ont.	29.64	30.05	+ .02	28.7	- 1.8	0.89	Esquimalt, B. C.	29.92	29.95		42.0	.....	sw.
White River, Ont.	29.60	30.06		6.6	- 6.4	0.88					1.88		

TABLE III.—*Data from Canadian stations—Continued.*

TABLE IV.—*Mean temperature for each hour of seventy-fifth meridian time, March, 1895.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Abilene, Tex.	51.0	50.3	48.9	47.7	47.2	46.2	45.7	45.3	46.6	49.9	53.6	56.7	59.7	61.8	63.9	64.8	66.0	64.6	61.7	57.9	55.5	53.8	51.9	54.8	
Albany, N. Y.	28.1	27.7	27.6	27.0	26.2	25.6	25.8	27.0	28.0	29.1	30.8	31.7	32.6	33.7	35.6	38.6	38.2	38.2	31.3	30.8	29.8	29.3	28.5	28.1	29.6
Alpena, Mich.	20.0	19.4	18.8	18.6	18.3	18.2	18.8	19.3	20.9	22.6	24.2	25.8	26.0	26.8	27.6	27.5	26.5	25.0	23.9	23.0	22.3	21.8	20.6	22.6	
Amarillo, Tex.	40.2	40.1	38.8	37.7	36.7	36.0	35.1	33.9	35.9	40.6	44.9	49.3	52.1	54.4	56.9	57.6	57.4	56.1	52.1	47.7	45.4	43.4	41.5	45.4	
Atlanta, Ga.	49.1	48.5	47.6	47.1	46.8	45.6	45.1	45.0	45.9	47.5	50.4	52.7	54.9	56.3	57.3	57.7	57.9	57.5	56.0	54.0	52.9	51.5	50.7	49.9	51.1
Augusta, Ga.	50.9	49.9	48.8	48.1	47.1	47.5	47.5	49.4	51.6	53.6	56.0	57.0	59.5	61.0	62.4	63.0	62.4	61.6	59.8	58.4	55.9	54.6	53.2	51.8	54.7
Baker City, Oreg.	34.8	33.8	32.9	32.5	31.8	31.3	31.0	30.4	29.8	30.4	33.4	37.1	40.6	42.5	44.1	44.8	45.4	45.4	44.1	41.6	39.1	37.5	36.3	37.8	
Baltimore, Md.	38.6	38.1	37.5	36.7	36.4	35.7	36.3	36.2	37.4	39.0	40.5	42.3	43.1	44.9	45.5	45.4	44.6	43.0	41.9	41.0	40.1	39.4	38.8	40.2	
Bismarck, N. Dak.	20.6	19.6	18.7	17.9	17.8	16.9	16.5	16.3	17.8	21.4	25.7	29.4	32.1	34.9	38.7	39.2	38.0	36.3	32.7	32.2	26.6	24.8	23.2	26.3	
Boston, Mass.	81.5	81.1	80.8	80.6	80.4	80.1	80.5	81.9	83.8	84.3	85.7	87.1	87.7	88.5	88.4	87.4	86.6	84.7	84.1	83.4	82.6	81.8	84.0		
Buffalo, N. Y.	25.9	25.3	25.1	24.5	23.7	23.6	23.4	24.0	25.6	26.8	28.4	29.6	30.6	31.8	31.9	31.8	30.8	29.4	28.5	28.0	27.4	26.8	26.5	25.9	27.3
Charleston, S. C.	54.3	53.6	52.8	52.2	51.1	51.7	50.8	51.9	53.7	55.9	56.4	57.7	59.3	60.4	60.7	59.7	58.5	57.3	56.0	55.6	55.6	55.2	54.8	55.8	
Charlotte, N. C.	44.3	43.5	44.4	44.7	44.1	43.4	42.9	43.8	45.8	48.1	49.9	51.7	53.4	54.1	55.1	55.7	55.8	54.8	53.8	51.6	50.4	49.5	49.1	47.2	
Cheyenne, Wyo.	26.9	26.5	26.1	26.0	25.4	24.5	23.8	23.2	24.9	25.7	28.0	34.3	35.5	36.5	38.3	39.0	39.0	38.6	37.8	35.2	31.5	29.9	28.1	27.9	30.8
Chicago, Ill.	81.0	80.4	80.0	79.8	79.3	78.9	78.3	78.5	79.3	80.8	81.1	83.2	83.0	83.9	85.0	85.7	85.8	85.6	84.7	84.1	83.4	82.2	81.5	82.1	
Cincinnati, Ohio	39.4	38.7	38.1	37.1	36.8	36.5	36.1	35.8	36.4	38.0	39.7	41.6	43.0	44.4	45.5	46.1	46.3	46.0	45.1	43.6	42.6	41.4	40.5	40.0	40.8
Cleveland, Ohio	28.8	27.5	27.5	27.2	26.9	26.6	26.3	27.0	27.6	28.7	30.0	31.3	32.0	32.6	33.4	33.8	33.2	32.5	31.7	30.8	30.4	29.6	28.9	29.9	
Columbus, Ohio	34.6	33.9	33.9	33.2	33.1	32.8	30.7	31.8	32.8	34.7	36.4	38.1	39.7	41.3	42.3	42.5	41.6	40.1	39.0	38.0	37.1	36.3	35.5	36.5	
Denver, Colo.	24.7	25.5	25.2	25.2	25.2	25.0	25.5	25.5	26.4	27.7	28.8	30.0	30.7	31.4	32.4	34.4	34.6	34.5	34.6	44.7	43.4	40.8	39.2	36.2	
Des Moines, Iowa	33.7	32.7	32.2	31.4	30.7	30.0	29.3	29.1	30.7	33.8	38.9	41.2	43.0	44.3	44.8	44.2	42.9	40.7	38.8	37.1	36.0	34.7	33.7		
Detroit, Mich.	25.7	25.2	24.9	24.4	24.0	23.7	23.8	24.8	26.2	27.7	29.3	30.7	31.9	32.6	32.6	32.8	32.7	31.1	30.1	29.1	28.2	26.8	26.0	26.2	
Dodge City, Kans.	38.3	37.6	36.8	35.5	34.5	33.8	33.7	33.4	33.8	34.4	34.4	35.0	35.8	36.6	37.4	38.2	38.2	37.3	36.8	35.5	34.5	34.2	33.5	34.2	
Duluth, Minn.	21.5	20.7	19.9	19.5	18.8	18.3	17.7	17.1	17.8	19.6	21.6	22.9	25.7	27.2	28.8	29.8	29.0	28.6	28.6	28.1	27.5	26.8	26.1	25.5	
Eastport, Me.	27.5	26.9	26.3	26.0	25.6	25.0	25.5	25.5	26.4	27.7	28.8	30.0	30.7	31.4	32.0	31.9	31.5	31.0	30.0	29.6	29.1	28.5	28.0	29.5	
El Paso, Tex.	58.4	51.5	50.3	49.4	48.1	46.5	45.0	44.9	45.5	48.5	53.7	61.7	64.8	68.4	67.8	68.9	68.6	65.9	65.0	57.1	54.9	53.7	51.7	56.7	
Fort Smith, Ark.	48.7	47.7	46.6	46.3	45.2	44.7	44.1	44.3	45.8	48.3	51.4	53.5	55.9	57.6	59.0	59.8	60.4	59.4	57.6	56.1	54.0	51.5	49.8	51.7	
Galveston, Tex.	58.5	58.4	58.4	58.3	58.3	57.8	57.7	58.2	58.6	59.9	60.8	61.7	62.0	62.2	63.1	61.9	61.4	60.8	60.1	59.5	59.2	59.0	59.7		
Grand Haven, Mich.	25.7	25.3	24.9	24.0	23.5	24.4	24.1	24.6	25.2	26.7	28.4	29.8	30.9	31.7	31.6	32.1	31.9	30.4	29.3	28.3	27.5	26.9	26.1	27.8	
Havre, Mont.	25.5	25.0	25.2	24.7	24.4	23.8	23.6	23.5	24.0	26.0	29.2	30.9	32.4	33.8	37.8	38.6	38.5	38.2	37.5	36.8	36.3	35.8	35.0	36.5	
Helena, Mont.	29.8	28.9	28.5	27.9	27.6	27.0	26.9	25.8	25.4	26.2	28.1	30.6	33.1	34.9	36.7	37.9	38.0	37.4	36.6	35.6	34.5	33.1	31.4	31.4	
Huron, S. Dak.	26.2	25.3	24.4	23.5	22.2	21.2	20.7	20.6	20.0	27.4	31.3	34.3	36.8	38.7	40.8	41.7	42.0	41.5	40.1	37.1	34.1	32.2	30.4	28.7	
Independence, Cal.	46.4	45.0	44.5	44.3	43.8	42.8	41.4	41.3	40.4	41.6	44.0	47.5	51.1	54.6	57.0	59.1	59.5	58.5	58.7	57.1	56.3	55.5	49.9	49.2	
Indianapolis, Ind.	37.8	36.1	35.4	34.8	34.1	33.8	33.1	33.4	33.8	34.7	39.9	42.9	45.4	47.4	49.5	51.5	52.1	51.6	51.1	50.4	49.8	49.0	48.5	49.5	
Jacksonville, Fla.	58.6	58.4	57.9	57.2	56.8	56.4	55.9	56.9	58.2	61.7	64.1	66.0	67.8	68.8	69.2	69.6	68.3	68.2	67.5	67.0	66.7	66.0	65.5	66.0	
Kansas City, Mo.	39.6	39.3	38.6	38.6	37.7	37.2	36.5	35.8	36.1	38.4	41.1	43.5	45.5	47.1	48.2	49.4	49.3	47.0	47.0	44.5	43.8	41.6	40.7	42.2	
Key West, Fla.	70.9	70.8	70.7	70.6	70.5	70.6	70.7	71.7	73.7	75.5	74.2	74.9	75.0	74.9	74.5	74.1	73.8	73.0	72.0	71.7	71.5	71.3	71.1	72.3	
Knoxville, Tenn.	44.9	43.9	43.1	42.8	41.5	41.1	40.9	41.7	42.9	45.2	47.6	49.6	51.4	52.8	54.6	56.7	58.7	57.7	56.0	55.7	54.8	53.8	52.7	51.7	
Lander, Wyo.	27.1	25.7	24.9	24.2	23.7	22.7	21.5	20.8	20.6	22.9	24.8	26.4	28.4	30.5	33.3	35.3	37.4	38.6	41.0	40.6	39.8	38.3	37.0	36.0	
Little Rock, Ark.	49.6	48.9	47.8	47.5	46.5	45.9	45.2	45.0	46.2	48.4	50.3	52.8	55.1	57.7	59.3	61.3	63.3	65.3	67.3	69.3	69.8	69.5	69.0	68.0	
Louisville, Ky.	42.0	41.0	40.7	40.1	39.6	38.9	38.3	38.4	38.8	39.8	41.6	43.7	45.8	47.8	49.8	51.8	53.8	55.8	57.8	59.8	61.3	62.1	63.1	64.2	
Lynchburg, Va.	42.1	41.4	40.9	40.3	40.1	39.6	38.3	38.8	39.5	40.9	42.5	45.5	51.0	57.5	62.5	63.9	65.2	61.1	49.7	47.6	46.0	44.7	43.4	45.6	
Marquette, Mich.	19.5	19.1	18.6	18.1	17.6	17.1	16.8	17.0	18.7	20.5	22.9	24.4	26.0	25.0	25.5	25.5	24.5	23.3	22.2	21.8	20.5	20.3	20.1	21.2	
Memphis, Tenn.	50.4	49.6	48.4	47.5	46.8	46.0	45.7	45.6	46.9	49.0	51.2	54.1	55.7	57.8	59.1	59.1	58.3	57.4	56.8	55.5	54.5	53.5	52.2	53.2	
Milwaukee, Wis.	29.2	28.8	28.3	27.6	26.8	26.2	25.7	27.1	28.9	30.5	31.8	33.1	34.2	35.7	36.0	36.7	37.4	37.0	36.0	35.8	35.2	34.8	34.3	33.8	
Montgomery, Ala.	64.1	58.1	55.2	51.5	50.7	50.1	49.8	49.8	51.9	54.3	57.6	61.6	63.1	64.2	64.8	64.8	64.1	63.3	60.7	58.8	58.8	58.3	57.1	57.1	
Moorehead, Minn.	20.0	19.3	18.6	17.8	17.6	16.7	15.7	15.4	17.0	20.5	24.3	27.1	29.4	30.9	31.0	32.9	33.6	33.4	32.4	30.0	28.6</				

TABLE V.—*Mean pressure for each hour of seventy-fifth meridian time, March, 1895.*

TABLE VI.—*Average wind movement for each hour of seventy-fifth meridian time, March, 1895.*

Stations.	Mean.																							
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	
Abilene, Tex.	10.5	10.7	11.2	11.5	11.1	10.7	9.9	9.8	10.5	12.6	12.9	14.1	14.2	13.8	13.7	14.1	14.5	13.9	13.2	11.4	9.6	9.8	9.9	10.9
Albany, N. Y.	8.5	8.0	8.1	7.8	7.5	8.0	8.2	9.8	10.7	11.6	11.8	11.7	11.9	11.9	11.8	10.7	9.2	8.0	7.1	6.8	7.5	7.6	7.8	9.8
Alpena, Mich.	9.5	9.4	9.5	9.8	9.0	9.8	9.6	10.5	11.4	12.8	13.2	14.5	13.8	15.6	15.6	16.1	15.8	15.3	13.5	12.2	12.2	11.7	11.8	12.8
Amarillo, Tex.	16.8	18.7	18.5	17.8	17.4	16.3	16.8	15.5	15.5	16.7	18.4	19.7	21.0	20.4	20.7	21.8	20.8	21.1	21.1	19.0	18.6	18.6	18.8	18.7
Atlanta, Ga.	11.0	11.8	11.7	10.8	11.1	11.2	10.4	10.1	10.8	10.8	10.7	10.6	11.0	11.3	11.8	12.2	11.8	10.4	9.6	9.6	10.4	10.3	11.1	11.4
Augusta, Ga.	4.2	4.3	4.5	4.6	4.6	4.6	5.1	4.7	5.5	5.7	5.8	6.1	6.3	6.3	6.2	6.3	6.0	6.0	5.0	4.4	4.0	4.1	4.5	5.2
Baker City, Oreg.	5.5	5.7	6.1	6.8	7.4	7.7	7.6	8.0	7.6	7.2	6.4	6.1	5.6	6.3	6.9	7.1	7.6	6.9	6.4	4.9	5.1	5.4	4.8	6.5
Baltimore, Md.	6.7	6.7	6.9	7.2	7.9	8.5	8.7	9.5	10.9	11.6	11.9	12.3	12.2	12.6	12.8	12.5	10.8	8.4	7.8	7.5	7.6	6.7	9.5	
Bismarck, N. Dak.	9.5	8.7	7.9	7.5	7.8	8.4	8.8	9.3	10.1	11.6	12.5	14.0	15.3	15.9	15.8	15.5	15.7	16.3	14.8	11.6	9.6	9.4	9.1	11.4
Block Island, R. I.	14.8	14.9	14.9	15.6	15.0	16.7	17.1	17.8	17.6	16.4	16.8	16.0	16.8	16.5	16.8	16.3	15.9	15.7	16.3	15.6	15.8	15.3	16.1	
Boston, Mass.	10.9	11.0	11.0	11.4	11.0	10.9	11.7	12.5	13.5	14.2	15.1	15.0	15.0	15.4	14.7	14.5	14.2	12.5	11.1	10.9	11.1	11.2	11.0	12.6
Buffalo, N. Y.	11.4	11.8	11.5	11.0	11.0	11.9	11.0	10.9	11.7	12.4	12.5	13.6	14.8	15.2	15.0	15.1	15.1	12.8	11.7	11.4	11.6	11.8	12.8	12.5
Cairo, Ill.	9.1	9.8	10.7	9.6	9.5	9.6	10.3	10.5	10.6	12.4	12.5	12.5	12.5	12.8	14.0	13.7	18.7	12.4	10.7	9.1	8.9	9.2	8.6	10.9
Cape Henry, Va.	13.8	15.0	15.2	16.0	15.9	15.9	15.3	16.2	15.7	15.8	15.5	16.2	16.3	15.9	16.8	16.1	15.7	15.9	12.7	12.8	12.9	12.8	13.7	15.0
Charleston, S. C.	7.7	7.6	7.7	7.8	8.3	8.4	7.9	8.5	9.1	9.3	9.5	9.8	10.2	10.4	9.8	9.6	7.7	6.2	6.7	7.7	7.9	7.7	8.6	
Charlotte, N. C.	8.5	9.3	8.5	8.6	8.8	7.1	7.2	7.1	7.9	8.5	8.8	8.8	9.7	10.0	10.5	10.5	10.8	9.5	8.4	7.5	8.1	8.0	7.9	8.6
Chattanooga, Tenn.	7.1	6.6	6.8	6.5	6.8	6.0	5.5	5.9	6.1	7.4	7.8	8.0	8.5	9.2	9.9	10.1	10.1	8.4	7.3	6.7	6.5	6.2	7.6	
Cheyenne, Wyo.	11.2	11.4	12.8	12.8	11.8	10.4	10.5	11.3	10.6	12.0	12.5	12.7	13.1	19.1	19.3	20.1	19.6	18.6	18.7	17.7	14.3	13.0	11.5	14.4
Chicago, Ill.	17.9	19.1	19.5	19.1	18.8	19.3	19.7	20.1	20.4	20.3	21.5	22.5	22.7	23.0	23.5	23.4	23.5	21.7	19.8	17.7	17.5	16.9	17.5	20.0
Cincinnati, Ohio	8.5	8.1	8.2	8.1	7.6	7.6	7.9	8.3	9.8	10.1	10.6	11.4	12.1	12.5	12.8	12.6	12.0	10.6	9.4	8.7	8.4	8.2	9.8	
Cleveland, Ohio	14.2	18.2	12.6	11.6	11.2	11.1	11.2	11.1	12.8	14.8	15.0	16.3	17.1	17.6	17.9	17.9	17.3	15.7	14.5	18.4	18.4	12.6	18.8	14.0
Columbia, Mo.	6.8	8.4	8.1	7.7	8.3	7.7	7.5	8.0	9.1	11.0	11.4	10.9	10.9	10.9	11.7	11.8	12.3	11.4	9.9	7.7	7.5	7.2	8.0	9.8
Columbus, Ohio	7.1	7.7	7.2	6.8	7.0	6.8	6.6	7.5	8.3	9.0	9.7	10.5	10.8	10.8	10.8	10.5	10.9	10.5	9.7	8.6	8.8	8.6	9.8	
Concordia, Kans.	8.9	8.0	7.8	7.8	7.3	7.3	7.4	7.5	8.5	9.5	10.9	11.4	11.4	11.7	11.6	13.4	11.6	9.9	7.9	7.5	7.7	8.7	8.4	9.8
Corpus Christi, Tex.	9.7	10.3	10.1	9.9	9.4	10.1	10.2	10.4	10.3	10.3	11.0	11.5	12.3	13.7	14.1	15.1	15.6	15.3	14.8	13.1	12.4	10.7	11.5	10.7
Davenport, Iowa	9.5	9.5	9.6	9.4	9.8	10.0	10.1	9.9	11.5	13.0	14.6	15.4	16.2	17.0	17.5	17.9	17.4	15.8	15.8	11.0	9.9	10.1	9.6	12.4
Denver, Colo.	7.9	7.3	7.1	7.9	7.7	8.2	8.5	8.8	8.0	8.0	8.1	8.6	9.4	10.0	11.4	12.3	12.8	13.1	11.5	10.9	11.8	11.5	12.2	
Des Moines, Iowa	7.7	7.5	7.5	7.5	7.9	8.6	9.3	9.7	10.2	11.7	12.8	13.6	14.0	14.0	14.2	14.6	14.0	12.5	10.8	8.5	7.8	7.6	10.6	
Detroit, Mich.	9.9	10.0	9.7	10.1	10.2	10.6	11.0	11.9	11.3	12.1	12.6	13.0	13.7	14.0	16.0	16.9	16.0	15.0	15.4	11.7	11.8	11.0	12.5	
Dodge City, Kans.	10.0	10.5	10.9	10.5	10.2	10.6	10.8	11.0	11.9	12.0	12.2	12.1	12.6	13.0	14.0	14.8	15.5	15.7	17.0	10.7	10.7	9.8	12.8	
Duluth, Minn.	11.3	11.2	11.3	11.2	11.7	11.8	12.0	12.2	11.9	12.1	12.6	12.8	13.2	14.0	14.8	15.5	16.4	15.7	14.9	18.7	11.9	11.6	11.0	
Eastport, Me.	11.4	10.1	9.8	10.7	10.9	11.3	11.9	11.9	11.7	11.7	11.7	11.5	12.3	12.8	13.1	12.8	11.8	11.5	10.5	10.2	10.9	11.8	11.5	
El Paso, Tex.	11.5	10.9	11.9	12.1	12.1	11.4	10.4	10.8	10.5	10.9	11.9	14.2	16.6	17.4	19.7	19.9	19.8	19.7	19.0	16.6	14.1	11.9	11.5	14.0
Erie, Pa.	12.0	11.4	11.1	11.0	10.8	10.5	10.2	11.0	11.5	12.1	12.6	13.0	15.7	18.5	14.6	14.0	18.1	11.4	11.7	11.7	11.4	11.1	11.5	11.9
Eureka, Cal.	6.8	6.5	5.7	5.0	5.7	5.2	5.8	5.2	5.7	6.6	7.4	8.0	9.0	9.0	9.0	9.0	10.7	11.4	11.8	9.6	7.8	7.4	5.9	7.3
Fort Canby, Wash.	14.8	14.3	13.8	14.9	15.0	14.8	14.7	14.1	13.8	12.8	12.8	13.2	13.8	13.5	13.5	14.6	14.8	15.1	14.0	14.6	14.4	15.8	15.8	
Fort Smith, Ark.	5.5	5.8	5.9	5.2	6.5	6.5	5.9	6.0	6.5	7.9	9.1	9.0	9.5	9.4	9.4	9.8	9.8	9.6	8.6	6.3	6.8	6.2	7.8	
Fresno, Cal.	4.7	4.5	4.6	5.0	4.7	4.3	4.5	4.8	4.7	4.6	4.7	5.5	6.5	6.0	5.8	5.7	5.8	6.0	6.3	6.0	4.9	4.2	4.4	5.1
Galveston, Tex.	11.4	10.8	10.6	11.4	11.7	11.8	11.7	12.0	12.8	12.8	12.8	12.5	12.8	13.1	13.8	12.8	12.8	12.0	11.9	11.8	11.6	10.9	12.0	
Grand Haven, Mich.	11.1	11.3	11.2	11.0	11.8	11.0	11.6	11.9	11.1	12.1	12.5	15.7	15.7	16.0	16.0	16.9	16.0	15.4	14.6	14.6	14.6	14.6	14.6	
Green Bay, Wis.	9.3	9.4	9.5	9.5	9.8	10.4	9.7	10.0	11.1	12.8	12.0	12.8	12.6	13.1	13.2	13.2	13.8	13.8	13.4	11.7	9.8	8.5	8.7	10.8
Hannibal, Mo.	10.8	10.2	10.8	10.2	10.4	10.7	10.7	10.7	10.8	12.2	12.9	14.8	14.9	14.7	15.1	15.1	15.1	14.9	14.2	13.8	10.4	10.5	12.2	
Harrisburg, Pa.	7.8	7.8	8.1	8.5	8.9	8.9	9.0	9.8	9.9	9.8	9.8	10.2	10.3	11.1	12.1	11.8	11.4	11.1	10.4	9.0	8.8	8.6	9.4	
Hatteras, N. C.	16.6	16.7	17.2	16.7	17.4	17.5	17.8	17.7	17.6	17.1	16.6	16.6	15.9	16.0	16.5	16.5	15.8	15.7	15.9	16.4	16.6	16.8	16.7	
Havre, Mont.	6.2	7.3	7.8	8.3	8.4	8.7	8.4	8.5	8.5	9.4	10.9	12.4	13.7	14.5	13.9	14.2	14.5	14.2	13.0	11.7	10.8	9.7	10.0	
Helena, Mont.	10.1	9.5	9.0	8.7	8.2	7.8	7.4	7.8	7.4	7.3	6.4	7.2	8.5	8.5	10.1	10.7	11.1	11.1	10.7	9.5	9.5	10.5	10.8	9.9
Huron, S. Dak.	13.8	13.8	13.5	13.8	13.2	13.5	12.5	13.4	14.7	17.0	17.5	17.4	19.1	19.8	19.2	16.6	14.1	14.1	13.5	14.5	15.2			
Idaho Falls, Idaho	8.1	8.1	8.4	9.4	8.4	7.6	7.4	7.1	6.9	7.3	7.4	7.9	8.5	8.9	10.1	10.3	10.6	10.6	11.8	10.8	9.8	8.8	8.8	
Independence, Cal.	8.3	7.7	8.7	8.3	8.2	8.2	7.8	7.9	8.0	7.6	8.1	9.7	11.4	11.5	10.8	11.5	12.0	12.4	13.0	12.2	11.9	9.7	10.8	
Indianapolis, Ind.	6.6	7.0	6.6	6.4	6.5	6.7	7.0	7.7	8.6	9.0	9.7	9.7	10.8	10.8	10.8	10.8	11.3	10.6	9.5	8.4	7.7	7.2	8.4	
Jacksonville, Fla.	7.2	7.1	6.6	6.6	6.7	6.8	6.1	6.4	7.9	8.9	9.7	10.3	10.8	11.4	12.0	12.1	11.6	10.5	8.8	7.0	6.6	6.7	7.1	8.4
Jupiter, Fla.	8.3	8.4	8.5	7.9	7.9	7.6	8.1	8.6	10.8	12.7	13.1	13.7	14.5	15.2	15.4	15.8	15.0	10.9	10.2	9.5	9.0	10.9	10.7	
Kansas City, Mo.	9.7	9.5	10.0	9.9	9.4	10.1	9.8	10.1	10.9	11.0	11.4	12.0	13.2	13.2	13.0	12.7	12.4	12.4	12.9	12.8	12.5	12.7	12.7	
Keokuk, Iowa	8.9	7.7	7.6	8.																				

• For twenty-nine and five-ninths days.

TABLE VI.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Parkersburg, W. Va.	6.3	6.4	6.2	6.3	5.6	5.6	5.7	5.3	6.5	7.4	8.3	9.3	9.5	9.8	10.0	10.0	10.0	8.9	7.4	6.9	6.3	6.1	5.5	5.7	7.3
Pensacola, Fla.	8.5	9.2	9.6	9.4	9.8	9.9	9.7	9.0	9.9	11.1	11.4	11.0	12.0	18.4	18.4	12.6	12.4	12.1	10.8	9.3	9.2	9.8	8.9	8.5	10.4
Philadelphia, Pa.	10.3	9.6	9.9	10.2	10.3	10.8	12.4	18.8	14.4	15.2	14.3	14.9	14.6	18.7	18.5	11.3	10.7	11.7	10.7	10.8	10.5	10.0	10.1	12.1	
Pierre, S. Dak.	9.9	9.5	8.9	9.1	9.0	8.6	8.4	8.8	7.8	8.3	9.7	9.6	11.2	12.2	12.8	14.2	15.1	14.5	15.1	12.8	11.6	11.2	10.6	10.1	10.8
Pittsburg, Pa.	7.0	6.6	6.5	6.8	6.8	6.6	6.5	6.3	7.6	7.9	8.5	8.8	9.0	9.6	10.6	9.9	9.9	8.5	7.5	7.0	7.3	7.1	7.0	6.8	7.3
Port Angeles, Wash.	5.6	5.6	5.8	5.6	5.4	5.4	5.1	5.5	5.6	6.0	4.7	4.1	4.1	5.5	5.5	5.3	4.9	5.1	5.0	4.8	8.9	4.2	5.2	5.1	7.3
Port Huron, Mich.	11.8	11.5	11.0	10.5	11.5	11.4	11.4	11.6	12.5	14.8	15.3	14.9	15.7	16.6	16.5	16.2	15.6	13.6	12.9	11.9	11.7	12.5	15.0	18.0	13.2
Portland, Me.	7.1	6.1	5.9	5.6	6.2	7.8	8.0	8.5	9.8	9.1	8.9	9.8	9.9	10.4	9.8	8.2	7.8	7.5	7.1	7.5	7.8	7.6	8.1	8.1	8.1
Portland, Oreg.	8.4	8.8	9.0	9.3	8.7	9.4	8.7	8.8	9.0	9.1	9.0	8.9	9.9	10.1	11.0	10.1	9.7	9.5	9.5	8.6	8.6	7.8	7.6	7.7	9.0
Pueblo, Colo.	6.5	5.8	5.5	5.6	5.1	5.1	5.8	5.7	5.5	5.5	7.6	8.1	8.6	10.5	18.8	18.6	14.0	13.9	12.5	10.5	9.4	7.4	6.5	8.5	
Raleigh, N. C.	7.8	7.4	7.3	7.4	7.2	7.0	6.2	7.0	8.1	8.7	8.8	8.9	9.1	9.4	9.9	9.6	9.1	8.1	7.0	6.7	7.8	7.0	6.9	7.4	7.9
Rapid City, S. Dak.	8.8	8.7	9.1	9.3	9.7	9.0	8.6	6.8	7.9	7.8	7.4	9.1	11.2	12.4	13.0	14.0	13.2	12.0	12.8	10.4	8.5	8.3	8.7	9.8	
Red Bluff, Cal.	5.2	5.2	5.5	5.4	5.8	5.8	5.8	5.6	5.2	5.3	5.4	6.4	7.5	7.8	7.7	7.7	7.7	7.6	7.5	7.1	5.6	5.9	5.7	6.4	
Rochester, N. Y.	9.0	8.8	8.8	8.6	8.1	8.4	8.8	9.2	10.1	10.8	11.3	11.4	12.6	12.5	12.9	11.5	10.8	9.8	8.6	8.7	9.1	9.9	9.1	9.9	
Roseburg, Oreg.	2.9	3.3	3.4	3.3	3.0	2.9	2.8	2.6	2.6	2.9	3.8	3.5	3.5	4.5	5.2	6.1	6.4	7.5	7.6	7.8	7.0	4.4	3.7	3.2	4.3
Sacramento, Cal.	8.5	5.6	8.5	7.8	7.7	7.6	7.7	7.8	6.6	6.8	6.7	7.7	8.1	8.0	8.5	9.2	9.5	9.5	9.0	9.6	8.9	8.5	8.5	8.8	
St. Louis, Mo.	12.2	13.2	12.3	12.0	12.8	12.6	12.8	13.2	14.3	14.9	14.5	15.2	14.7	14.9	14.8	14.3	13.8	13.0	13.3	13.4	18.7	13.3	15.6		
St. Paul, Minn.	8.6	8.9	8.5	8.4	8.4	7.5	7.5	7.7	9.0	9.8	10.6	11.6	12.0	12.7	13.0	13.6	13.0	12.4	11.8	10.4	9.0	8.6	8.3	9.9	
St. Vincent, Minn.	9.9	10.7	9.8	9.8	9.0	9.0	8.6	8.6	9.8	12.1	13.8	13.8	14.0	14.9	15.3	15.7	14.7	14.0	13.8	10.8	10.4	10.0	9.6	11.5	
Salt Lake City, Utah.	6.4	7.2	6.5	6.5	5.6	5.6	5.4	5.8	5.7	6.0	6.8	7.8	8.7	9.8	11.5	12.2	12.0	12.0	9.8	8.8	7.5	7.8	6.5	7.9	
San Antonio, Tex.	7.5	7.0	6.6	6.1	6.0	5.9	5.4	5.4	6.2	7.5	8.7	8.8	9.6	10.0	10.1	9.9	10.1	10.2	9.8	8.5	8.0	8.5	8.5	8.0	
San Diego, Cal.	8.8	4.0	8.8	8.9	8.6	8.7	3.7	3.5	3.5	3.6	3.4	4.1	5.0	5.8	7.5	8.8	8.9	8.4	7.1	5.4	4.4	3.9	5.3		
Sandusky, Ohio.	11.4	10.8	9.4	9.6	9.7	9.5	10.2	11.7	11.1	12.3	12.6	12.6	12.6	12.8	13.0	12.5	11.9	11.3	10.8	10.7	11.6	11.2	11.3		
San Francisco, Cal.	8.5	8.2	7.9	7.6	7.8	6.8	6.5	6.5	6.5	6.8	7.5	8.2	8.1	9.0	10.6	12.8	13.8	14.5	15.3	14.8	12.2	10.9	9.6		
San Luis Obispo, Cal.	8.1	2.9	3.1	2.9	2.9	2.5	3.7	3.8	3.4	3.6	4.0	5.3	5.5	6.4	7.7	8.8	10.4	11.8	9.9	7.1	5.1	4.2	3.9	5.4	
Santa Fe, N. Mex.	6.1	5.5	5.4	5.1	4.7	4.6	4.8	5.0	4.7	5.2	7.1	9.4	10.8	11.9	12.3	12.9	12.3	11.9	11.0	10.8	7.0	5.9	5.8	7.7	
Sault Ste Marie, Mich.	6.7	6.4	5.7	6.0	6.0	7.0	7.2	7.5	8.6	10.1	12.1	12.8	13.4	14.4	17.4	17.2	15.3	15.8	14.4	11.4	9.7	8.7	8.6	10.4	
Savannah, Ga.	8.0	8.7	8.6	8.4	8.8	8.3	8.1	7.6	8.9	9.9	10.2	10.4	10.4	11.0	10.5	10.4	10.8	9.7	8.8	8.5	8.8	8.1	9.0		
Seattle, Wash.	5.4	5.6	5.1	5.8	6.1	6.5	6.9	6.8	6.7	6.8	6.6	6.9	6.7	7.0	7.8	7.3	6.9	6.7	6.5	5.9	5.6	5.3	6.4		
Shreveport, La.	8.9	8.0	7.2	7.4	7.3	6.9	6.3	6.9	7.4	9.6	9.8	9.3	9.4	9.8	9.1	9.6	9.9	9.1	7.9	7.0	8.7	8.8	8.4		
Sioux City, Iowa.	10.6	10.4	10.3	9.9	10.0	10.7	10.8	10.7	10.9	12.1	18.9	15.0	15.6	16.5	16.8	17.0	16.8	15.9	14.1	11.3	10.6	10.8	13.6		
Spokane, Wash.	5.5	5.9	6.6	6.3	6.6	6.8	6.3	5.7	6.0	5.5	5.8	7.2	7.9	8.8	8.9	8.5	8.4	8.3	7.8	5.5	5.2	6.8			
Springfield, Ill.	10.8	10.8	10.4	10.7	10.9	10.9	10.7	11.7	11.1	12.3	12.6	12.8	12.6	12.8	13.0	13.5	13.0	12.8	12.4	10.8	10.8	10.8	12.8		
Springfield, Mo.	10.7	10.6	11.0	10.6	10.1	10.7	10.2	10.4	12.0	12.4	12.8	12.9	12.6	13.0	13.5	13.8	13.7	13.1	11.9	10.9	10.8	11.0	11.7		
Tampa, Fla.	6.0	6.1	5.7	5.6	6.0	6.4	6.7	7.0	8.0	8.4	8.6	9.0	9.2	9.7	9.8	9.9	9.4	8.9	7.6	6.4	6.2	6.0	7.5		
Tatooch Island, Wash.	12.6	18.6	18.8	14.2	18.4	18.7	14.2	18.1	17.0	16.8	15.5	15.0	15.6	16.8	16.1	16.1	18.9	18.7	12.5	11.9	12.1	11.7	14.1		
Titusville, Fla.	10.7	10.1	10.1	10.7	11.0	10.0	10.1	12.0	14.5	15.4	15.4	15.9	16.5	16.2	17.1	16.9	15.7	15.0	14.2	13.4	12.6	11.2	11.1		
Toledo, Ohio.	10.8	10.0	9.9	10.0	10.7	11.1	11.4	11.5	12.2	14.1	14.8	14.9	15.5	16.0	16.5	16.0	16.0	15.3	13.0	11.7	12.8	11.8	12.0		
Tucson, Ariz.	4.5	4.2	3.8	4.1	3.8	3.8	4.0	4.1	4.2	3.9	4.5	5.1	5.5	5.7	6.0	6.2	6.6	7.5	7.4	6.9	5.6	4.9	4.6		
Vicksburg, Miss.	8.2	8.1	8.3	8.2	8.2	8.3	8.0	9.0	9.4	9.3	9.8	9.3	12.3	12.5	14.7	15.8	15.8	15.8	14.1	11.3	10.7	8.0	8.1	8.6	
Vineyard Haven, Mass.	9.3	8.9	8.4	8.8	9.4	9.5	9.2	9.8	10.2	10.6	11.7	11.9	12.1	11.5	11.4	11.5	11.5	10.7	9.7	8.8	9.1	9.2	9.8	10.0	
Walla Walla, Wash.	6.4	6.1	6.8	7.0	6.8	6.9	6.1	6.8	6.6	6.4	7.7	8.5	8.5	8.5	8.6	8.4	8.5	8.5	7.0	6.1	6.6	6.5	7.1		
Washington, D. C.	7.7	6.9	6.8	6.5	7.2	8.8	7.7	8.7	10.0	11.1	11.8	11.5	12.0	12.4	12.8	12.4	11.8	11.5	10.5	9.5	9.8	11.4			
Wichita, Kans.	9.3	10.4	10.6	9.8	9.9	9.0	9.1	10.0	11.5	12.4	14.2	14.6	14.6	14.6	14.6	14.8	14.8	14.2	13.0	10.3	9.6	9.1	11.4		
Williston, N. Dak.	9.8	9.5	9.1	8.5	8.4	8.9	9.0	9.0	9.0	9.8	12.3	12.5	12.6	13.6	14.7	15.8	15.8	15.8	14.1	11.8	10.7	9.5	11.5		
Wilmingtton, N. C.	8.5	8.4	8.1	8.3	8.5	8.5	8.6	9.9	10.9	10.7	10.5	11.2	11.6	11.4	11.9	11.9	10.8	9.1	8.5	9.8	9.7	8.5	9.7		
Winnemucca, Nev.	9.0	9.2	9.4	9.9	10.0	10.2	10.7	10.8	10.9	9.5	11.0	12.6	12.8	13.1	13.2	13.8	13.8	13.1	12.8	11.8	9.1	8.8	8.7	10.9	
Woods Holl, Mass.	16.4	14.9	14.5	15.9	16.6	16.5	16.8	16.9	15.6	16.8	17.4	17.4	17.9	17.4	17.4	17.3	18.1	17.0	15.4	16.1	16.1	16.8	17.1	16.5	
Yuma, Ariz.	7.0	7.3	6.9	5.8	6.7	6.6	5.7	5.9	6.5	4.6	8.0	9.1	8.0	8.5	8.0	8.4	8.8	9.4	10.3	9.6	8.5	7.7	7.5	7.5	

TABLE VII.—Heights of rivers above low-water mark, March, 1895.

Stations.	Distance to mouth of river

TABLE VIII.—Temperature of the wet-bulb thermometer, March, 1895.

Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.			Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.							
		Max.	Min.	Mean.	Max.	Min.	Mean.			Max.	Min.	Mean.	Max.	Min.	Mean.					
		o	o	o	o	o	o			o	o	o	o	o	o					
<i>New England.</i>																				
Eastport, Me.	h. m.	32 F.	37	4	23	36	14	27	h. m.	o	o	o	o	o	o					
Portland, Me.	19 F.	39	10	25	38	18	28	28	51 S.	38	0	24	34	12	29					
Northfield, Vt.	9 F.	32	-4	17	35	3	28	28	52 S.	33	-4	19	34	3	25					
Boston, Mass.	16 F.	42	14	28	46	20	31	31	1 08 S.	38	-14	16	38	-6	23					
Nantucket, Mass.	20 F.	42	20	33	42	22	33	33	<i>North Dakota.</i>											
Woods Hole, Mass.	17 F.	42	18	31	45	21	34	34	Moorhead, Minn.	1 27 S.	23	-19	14	47	2	26				
Block Island, R. I.	14 F.	42	15	28	42	20	31	31	St. Vincent, Minn.	1 29 S.	25	-23	10	48	-16	26				
New Haven, Conn.	8 F.	42	15	28	42	20	31	31	Bismarck, N. Dak.	1 42 S.	23	-22	15	57	0	26				
New London, Conn.	12 F.	42	16	31	42	21	32	32	Williston, N. Dak.	1 54 S.	33	-14	16	46	-3	26				
<i>Middle Atlantic States.</i>																				
Albany, N. Y.	5 F.	39	11	25	44	18	28	28	St. Paul, Minn.	1 12 S.	28	-5	19	45	2	27				
New York, N. Y.	4 F.	44	15	30	49	24	34	34	La Crosse, Wis.	1 05 S.	37	-1	21	44	3	29				
Harrisburg, Pa.	7 S.	41	17	31	52	26	35	35	Davenport, Iowa.	1 02 S.	49	6	26	58	12	31				
Philadelphia, Pa.	0	44	16	32	54	24	35	35	Des Moines, Iowa.	1 14 S.	53	7	22	55	9	32				
Baltimore, Md.	6 S.	47	19	32	55	25	36	36	Keokuk, Iowa.	1 08 S.	55	22	28	58	12	27				
Washington, D. C.	8 S.	47	20	33	54	26	37	37	Cairo, Ill.	56 S.	53	23	38	58	16	35				
Lynchburg, Va.	16 S.	54	25	37	56	27	41	41	Springfield, Ill.	58 S.	54	11	30	58	18	35				
Norfolk, Va.	5 S.	59	27	40	58	31	48	48	Hannibal, Mo.	1 05 S.	57	9	34	64	22	41				
<i>South Atlantic States.</i>																				
Charlotte, N. C.	28 S.	58	24	40	58	38	46	46	St. Louis, Mo.	1 01 S.	62	15	34	64	22	38				
Hatteras, N. C.	3 S.	61	30	46	61	34	47	47	<i>Missouri Valley.</i>											
Kittyhawk, N. C.	5 S.	59	28	48	58	38	44	44	Columbia, Mo.	1 08 S.	59	8	33	62	19	38				
Raleigh, N. C.	14 S.	58	24	41	55	32	45	45	Kansas City, Mo.	1 18 S.	59	9	34	62	21	41				
Wilmington, N. C.	12 S.	63	29	47	62	37	50	50	Springfield, Mo.	1 18 S.	59	0	26	56	3	40				
Charleston, S. C.	20 S.	68	30	49	62	41	52	52	Omaha, Nebr.	1 24 S.	50	1	22	55	2	34				
Augusta, Ga.	27 S.	68	30	46	63	39	50	50	Sioux City, Iowa.	1 26 S.	48	1	21	55	5	34				
Savannah, Ga.	24 S.	66	34	50	69	41	53	53	Pierre, S. Dak.	1 41 S.	44	1	21	58	3	30				
Jacksonville, Fla.	26 S.	67	36	58	67	44	56	56	Huron, S. Dak.	1 32 S.	44	-9	18	51	4	35				
<i>Florida Peninsula.</i>																				
Jupiter, Fla.	20 S.	70	48	62	71	51	64	64	Havre, Mont.	2 19 S.	47	-16	21	52	3	30				
Key West, Fla.	27 S.	73	58	67	73	58	67	67	Miles City, Mont.	2 08 S.	44	-7	28	56	2	34				
Tampa, Fla.	30 S.	70	44	59	71	44	62	62	Helena, Mont.	2 38 S.	42	-11	22	56	1	31				
Titusville, Fla.	23 S.	69	49	59	72	48	61	61	Rapid City, S. Dak.	1 53 S.	45	-6	21	50	-	29				
<i>Eastern Gulf States.</i>																				
Atlanta, Ga.	27 S.	.....	.....	.....	.....	.....	.....	.....	Cheyenne, Wyo.	1 52 S.	44	-5	21	50	-	29
Pensacola, Fla.	49 S.	68	31	53	67	36	56	56	Lander, Wyo.	2 15 S.	42	-6	18	46	4	35				
Mobile, Ala.	53 S.	68	34	53	68	38	55	55	North Platte, Nebr.	1 42 S.	42	-9	20	57	-	35				
Montgomery, Ala.	45 S.	66	26	48	70	36	54	54	<i>Middle Slope.</i>											
Meridian, Miss.	55 S.	66	26	47	66	36	54	54	Denver, Colo.	2 00 S.	40	0	24	53	5	35				
Vicksburg, Miss.	1 08 S.	62	30	48	70	34	53	53	Pueblo, Colo.	1 58 S.	39	0	26	51	11	35				
New Orleans, La.	1 00 S.	68	36	54	70	39	57	57	Concordia, Kans.	1 31 S.	59	3	26	61	3	37				
<i>Western Gulf States.</i>																				
Shreveport, La.	1 14 S.	64	26	46	65	38	53	53	Dodge City, Kans.	1 40 S.	49	2	26	52	9	37				
Fort Smith, Ark.	1 17 S.	63	16	41	65	33	48	48	Wichita, Kans.	1 39 S.	63	7	33	57	13	47				
Little Rock, Ark.	1 08 S.	63	23	41	62	34	50	50	Oklahoma, Okla.	1 30 S.	62	12	37	72	24	47				
Corpus Christi, Tex.	1 20 S.	68	36	58	72	44	62	62	<i>Southern Slope.</i>											
Galveston, Tex.	1 19 S.	67	34	56	64	42	56	56	Abilene, Tex.	1 39 S.	59	20	42	59	5	35				
Palestine, Tex.	1 22 S.	66	25	48	67	36	54	54	Amarillo, Tex.	1 47 S.	42	7	31	51	21	39				
San Antonio, Tex.	1 24 S.	65	30	53	68	39	56	56	<i>Southern Plateau.</i>											
<i>Ohio Valley and Tenn.</i>																				
Chattanooga, Tenn.	41 S.	55	24	41	61	28	45	45	El Paso, Tex.	2 06 S.	50	22	35	52	26	44				
Knoxville, Tenn.	36 S.	49	23	38	56	28	42	42	Santa Fe, N. Mex.	2 04 S.	36	16	35	46	26	44				
Memphis, Tenn.	1 00 S.	68	26	42	66	31	47	47	Tucson, Ariz.	2 02 S.	49	25	35	53	26	44				
Nashville, Tenn.	47 S.	57	23	40	63	25	45	45	Yuma, Ariz.	2 38 S.	56	35	33	51	26	41				
Lexington, Ky.	38 S.	53	20	34	59	21	40	40	Independence, Cal.	2 58 S.	46	20	30	51	23	33				
Louisville, Ky.	43 S.	58	22	35	61	25	40	40	<i>Middle Plateau.</i>											
Indianapolis, Ind.	44 S.	55	14	30	58	18	38	38	Carson City, Nev.	2 59 S.	48	16	36	47	26	36				
Cincinnati, Ohio.	38 S.	53	19	33	58	20	38	38	Winnemucca, Nev.	2 51 S.	40	7	36	48	11	36				
Columbus, Ohio.	33 S.	49	17	29	53	16	34	34	Salt Lake City, Utah.	2 27 S.	45	18	30	50	9	36				
Pittsburg, Pa.	20 S.	54	16	21	54	19	37	37	<i>Northern Plateau.</i>											
Parkersburg, W. Va.	20 S.	52	18	33	50	24	40	40	Baker City, Oreg.	2 51 S.	46	5	26	53	20	37				
<i>Lower Lake Region.</i>																				
Buffalo, N. Y.	15 S.	41	8	22	43	7	26	26	Idaho Falls, Idaho.	2 28 S.	43	3	23	50	21	36				
Oswego, N. Y.	6 S.	40	8	21	46	7	26	26	Spokane, Wash.	2 49 S.	43	12	39	51	23	36				
Rochester, N. Y.	11 S.	42	4	23	38	7	26	26	Walla Walla, Wash.	2 53 S.	52	20	35	59	20	36				
Erie, Pa.	20 S.	44	2	24	43	6	27	27	<i>N. Pac. Coast Region.</i>											
Cleveland, Ohio.	27 S.	41	5	25	48	10	29	29	Fort Canby, Wash.	3 16 S.	50	20	40	54	25	44				
Sandusky, Ohio.	30 S.	40	9	26	52	10	29	29	Port Angeles, Wash.	3 14 S.	45	20	39	53	24	43				
Toledo, Ohio.	34 S.	40	5	24	51	10	29	29	Seattle, Wash.	3 09 S.	53	25	37	52	24	43				
Detroit, Mich.	33 S.	37	2	26	45	8	26	26	Tatoosh Island, Wash.	3 19 S.	50	33	41	48	25	43				
<i>Upper Lake Region.</i>																				
Alpena, Mich.	34 S.	37	-7	18	38	0	26	26	Portland, Oreg.	3 11 S.	49	25	37	55	25	44				
Grand Haven, Mich.	45 S.	34	0	28	46	8	26	26	Roseburg, Oreg.	3 13 S.	53	21	35	57	24	43				
Marquette, Mich.	49 S.	33	-11	16	37	-5	26	26	Eureka, Cal.	3 17 S.	53	23	43	54	20	42				
Port Huron, Mich.	30 S.	35	-2	20	47	4	26	26	Red Bluff, Cal.	3 14 S.	53	25	43	54	20	42				
Sault Ste. Marie, Mich.	37 S.	34	-14	9	36	-7	26	26	Sacramento, Cal.	3 06 S.										

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during March, 1895.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.		
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.	
<i>New England.</i>														
Eastport, Me.	24	15	10	32	n. 68 w.	24	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	o	Hours.	
Portland, Me.	27	16	5	31	n. 67 w.	28	Milwaukee, Wis.	21	15	16	23	n. 49 w.	9	
Northfield, Vt.	26	25	2	15	n. 86 w.	13	Green Bay, Wis.	21	24	8	15	s. 67 w.	8	
Boston, Mass.	23	11	10	34	n. 63 w.	27	Duluth, Minn.	24	14	10	34	n. 67 w.	26	
Nantucket, Mass.	34	8	19	17	n. 4 e.	28	<i>North Dakota.</i>		Moorhead, Minn.		29	16	10	18
Woods Hole, Mass.	7	9	7	15	s. 76 w.	8	S. Vincent, Minn.	25	16	11	20	n. 32 w.	15	
Block Island, R. I.	25	12	14	30	n. 51 w.	21	Bismarck, N. Dak.	24	6	17	22	n. 45 w.	13	
New Haven, Conn.	30	16	5	20	n. 47 w.	20	Williston, N. Dak.	17	14	7	35	n. 10 w.	28	
New London, Conn.	23	13	7	33	n. 71 w.	25	<i>Upper Mississippi Valley.</i>		St. Paul, Minn.		15	21	15	26
<i>Middle Atlantic States.</i>														
Albany, N. Y.	26	15	2	28	n. 69 w.	28	La Crosse, Wis.	24	18	10	18	s. 53 w.	12	
New York, N. Y.	32	13	11	21	n. 28 w.	23	Davenport, Iowa.	20	18	17	23	n. 73 w.	6	
Harrisburg, Pa.	20	8	19	22	n. 14 w.	12	Des Moines, Iowa.	21	10	19	24	n. 24 w.	12	
Philadelphia, Pa.	25	13	11	24	n. 47 w.	18	Keokuk, Iowa.	19	18	15	24	n. 84 w.	9	
Baltimore, Md.	28	12	15	21	n. 21 w.	17	Cairo, Ill.	23	26	11	11	s. ..	8	
Washington, D. C.	28	19	9	17	n. 42 w.	12	Springfield, Ill.	24	19	13	19	n. 50 w.	8	
Lynchburg, Va.	20	21	18	34	n. 85 w.	11	Hannibal Mo.	24	17	14	21	n. 45 w.	10	
Norfolk, Va.	26	16	16	17	n. 6 w.	10	St. Louis, Mo.	21	24	16	17	s. 18 w.	3	
<i>South Atlantic States.</i>														
Charlotte, N. C.	9	29	15	26	s. 29 w.	23	Columbia, Mo.	10	9	11	11	n. ..	1	
Hatteras, N. C.	24	19	12	21	n. 61 w.	10	Kansas City, Mo.	21	26	18	15	s. 31 e.	6	
Kittyhawk, N. C.	24	17	20	21	n. 8 w.	7	Springfield, Mo.	20	25	18	10	s. 58 e.	9	
Raleigh, N. C.	20	27	10	23	s. 60 w.	14	Omaha, Nebr.	25	17	16	17	n. 7 w.	8	
Wilmington, N. C.	21	21	16	23	w. ..	7	Sioux City, Iowa.	28	17	12	18	n. 29 w.	12	
Charleston, S. C.	14	26	13	24	s. 48 w.	16	Pierre, S. Dak.	23	12	15	24	n. 42 w.	14	
Augusta, Ga.	14	20	15	25	s. 59 w.	12	Huron, S. Dak.	24	18	15	21	n. 45 w.	8	
Savannah, Ga.	13	22	13	19	s. 17 w.	21	<i>Northern Slope.</i>		Hayre, Mont.		21	12	13	29
Jacksonville, Fla.	14	23	20	20	s. ..	9	Miles City, Mont.	15	17	13	26	s. 61 w.	18	
<i>Florida Peninsula.</i>														
Jupiter, Fla.	15	25	21	15	s. 31 e.	12	Helena, Mont.	14	21	3	39	s. 81 w.	37	
Key West, Fla.	15	14	9	7	n. 88 e.	31	Rapid City, S. Dak.	24	15	13	22	n. 45 w.	13	
Tampa, Fla.	28	18	15	21	n. 50 w.	8	Cheyenne, Wyo.	26	18	5	31	n. 66 w.	32	
Titusville, Fla.	16	21	19	18	s. 11 e.	5	Lander, Wyo.	18	23	8	31	s. 80 w.	23	
<i>Eastern Gulf States.</i>														
Atlanta, Ga.	18	16	18	26	n. 76 w.	8	North Platte, Nebr.	22	12	13	29	n. 58 w.	19	
Pensacola, Fla.	13	26	17	22	s. 21 w.	14	<i>Middle Slope.</i>		Denver, Colo.		29	15	5	30
Mobile, Ala.	19	23	8	16	s. 42 w.	12	Pueblo, Colo.	27	14	16	19	n. 18 w.	13	
Montgomery, Ala.	21	17	23	18	n. 66 e.	10	Concordia, Kans.	23	23	11	19	s. 88 w.	8	
Meridian, Miss.	20	24	16	14	s. 27 e.	4	Dodge City, Kans.	26	23	14	18	n. 18 e.	3	
Vicksburg, Miss.	17	25	24	13	s. 54 e.	14	Wichita, Kans.	26	26	13	10	e. ..	3	
New Orleans, La.	21	25	21	10	s. 70 e.	12	Oklahoma, Okla.	27	23	9	14	n. 51 w.	6	
<i>Western Gulf States.</i>														
Shreveport, La.	18	28	21	11	s. 45 e.	14	Abilene, Tex.	21	26	13	15	s. 22 w.	5	
Fort Smith, Ark.	15	17	28	12	s. 88 e.	16	Amarillo, Tex.	19	28	8	19	s. 51 w.	14	
Little Rock, Ark.	22	24	14	12	s. 45 e.	3	<i>Southern Plateau.</i>		El Paso, Tex.		20	8	12	37
Corpus Christi, Tex.	16	21	25	5	s. 81 e.	9	Santa Fe, N. Mex.	23	19	14	26	n. 64 w.	28	
Galveston, Tex.	14	29	24	11	s. 41 e.	20	Tucson, Ariz.	13	27	17	22	n. 72 w.	15	
Palestine, Tex.	18	23	8	18	s. 34 e.	18	Yuma, Ariz.	23	12	18	24	s. 20 w.	12	
San Antonio, Tex.	21	21	28	6	e. ..	22	Independence, Cal.	26	17	12	34	n. 53 w.	15	
<i>Ohio Valley and Tennessee.</i>														
Chattanooga, Tenn.	21	25	15	13	s. 27 e.	4	<i>Middle Plateau.</i>		Abilene, Tex.		21	26	13	15
Knoxville, Tenn.	25	17	15	26	n. 54 w.	14	Carson City, Nev.	15	23	11	24	s. 58 w.	15	
Memphis, Tenn.	19	22	20	15	s. 59 e.	6	Winnemucca, Nev.	18	20	13	26	s. 81 w.	13	
Nashville, Tenn.	20	23	11	20	s. 72 w.	10	Salt Lake City, Utah.	13	24	18	21	s. 15 w.	11	
Lexington, Ky.	16	24	11	25	s. 60 w.	16	<i>Northern Plateau.</i>		Baker City, Oreg.		11	35	19	17
Louisville, Ky.	19	25	11	16	s. 40 w.	8	Idaho Falls, Idaho.	23	25	6	23	s. 88 w.	17	
Indianapolis, Ind.	21	21	14	22	w. ..	5	Spokane, Wash.	13	27	19	19	s. ..	14	
Cincinnati, Ohio.	20	20	18	23	w. ..	5	Walla Walla, Wash.	12	30	10	16	s. 18 w.	19	
Columbus, Ohio.	23	21	14	23	n. 84 w.	7	<i>North Pacific Coast Region.</i>		Fort Canby, Wash.		19	23	16	18
Pittsburg, Pa.	16	19	17	23	s. 63 w.	7	Port Angeles, Wash.	12	24	14	23	s. 84 w.	4	
Parkersburg, W. Va.	18	20	19	20	s. 27 w.	2	Seattle, Wash.	16	30	14	13	s. 87 w.	15	
<i>Lower Lake Region.</i>														
Buffalo, N. Y.	21	13	14	28	n. 60 w.	16	Tatoosh Island, Wash.	2	22	30	18	s. 46 w.	14	
Oswego, N. Y.	24	18	9	23	n. 67 w.	15	Portland, Oreg.	21	31	13	24	s. 31 e.	23	
Rochester, N. Y.	14	18	13	23	s. 75 w.	19	Roseburg, Oreg.	18	18	20	22	w. ..	11	
Erie, Pa.	19	14	15	17	s. 32 w.	5	<i>Middle Pacific Coast Region.</i>		Eureka, Cal.		15	20	9	17
Cleveland, Ohio.	26	18	14	19	n. 32 w.	9	Red Bluff, Cal.	22	29	9	17	s. 49 w.	11	
Sandusky, Ohio.	17	16	22	20	n. 63 w.	6	Sacramento, Cal.	14	30	20	19	s. 3 e.	16	
Toledo, Ohio.	17	11	23	24	n. 9 w.	7	San Francisco, Cal.	10	17	6	37	s. 77 w.	32	
Detroit, Mich.	22	16	20	23	n. 27 w.	7	<i>South Pacific Coast Region.</i>		Fresno, Cal.		26	9	23	24
Alpena, Mich.	22	13	10	34	n. 69 w.	26	Los Angeles, Cal.	19	10	18	29	n. 87 w.	17	
Grand Haven, Mich.	20	13	20	18	n. 16 e.	7	San Diego, Cal.	23	10	9	31	n. 86 w.	12	
Marquette, Mich.	26	15	9	24	n. 54 w.	19	San Luis Obispo, Cal.	23	12	5	31	n. 80 w.	26	
Port Huron, Mich.	20	21	17	20	s. 72 w.	3					26	9	9	31
Saint Ste. Marie, Mich.	28	13	12	30	n. 50 w.	22					26	10	18	31
Chicago, Ill.	25	13	19	23	n. 14 w.	12					26	12	5	31

TABLE X.—*Thunderstorms and auroras, March, 1895.*

States.	No. of stations																														Total.							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. Days					
Alabama	52	T.	1					5	1			4	10	9	8	3			2	1									1	2	47	12	T.					
Arizona	42	T.										2	1	4	5	3	2			2								1		0	0	A.						
Arkansas	49	T.										1																	0	0	0	0	A.					
Colorado	85	T.										1							1											1	5	8	4	T.				
California	216	T.						5	1			2	2	1							1									11	5	1	0	A.				
Connecticut	21	T.																	3											4	2	5	0	T.				
Delaware	7	T.																													1	0	0	0	A.			
Dist. of Columbia	4	T.										1																			1	0	0	0	A.			
Florida	35	T.		10					1	11			4	7	8	1	1													1	39	9	9	T.				
Georgia	49	T.		1					4			2	7	12	11	6	1	1												47	10	0	0	T.				
Idaho	32	T.																													0	0	0	0	A.			
Illinois	67	T.																	1		1										1	11	3	32	T.			
Indiana	46	T.										1	1	1		1	2													10	4	3	3	T.				
Indian Territory	7	T.																													1	1	2	4	T.			
Iowa	95	T.		1															4													19	6	3	3	A.		
Kansas	76	T.										2	6				1		5												5	9	30	8	T.			
Kentucky	43	T.										9				1	4														1	20	0	0	T.			
Louisiana	49	T.										7	5	7	8	4			2	1											8	7	45	10	A.			
Maine	16	T.																1	2	2	1										0	0	0	0	T.			
Maryland	38	T.							1	4							1	2	2	1											13	3	3	2	A.			
Massachusetts	84	T.																2		1	1										16	6	5	5	A.			
Michigan	79	T.		1								1	1					5	1	6	1	1									1	8	15	9	T.			
Minnesota	68	T.										1	1	1				2		1											8	1	10	3	T.			
Mississippi	49	T.										1						2	3	9	9	14	4									4	4	56	0	A.		
Missouri	99	T.																2	2	1												2	29	21	94	T.		
Montana	35	T.																														1	2	1	1	A.		
Nebraska	86	T.										1							2	1													5	14	20	6	T.	
Nevada	48	T.										1							1														1	1	3	3	A.	
New Hampshire	23	T.		1								1						1		4													2	22	18	1	A.	
New Jersey	55	T.																	4	2													1	14	14	2	T.	
New Mexico	27	T.																															1	1	1	0	T.	
New York	88	T.																1	1	1	1	3	5									11	2	12	9	A.		
North Carolina	52	T.										1	8	2	1			2	1	3	1	1	1								21	0	11	0	T.			
North Dakota	36	T.																	1													0	0	0	0	A.		
Ohio	145	T.		1	1							16	1					4	6	5	7	1	1								32	10	16	8	A.			
Oklahoma	18	T.											8	1	3				1													1	10	5	5	T.		
Oregon	63	T.																1															4	0	4	0	A.	
Pennsylvania	85	T.																8															1	40	5	0	T.	
Rhode Island	8	T.																															1	0	1	0	A.	
South Carolina	89	T.		1														11	3	1	4	7	13	11	2								1	54	12	0	A.	
South Dakota	40	T.																														2	4	6	3	T.		
Tennessee	44	T.																1	3	1	10	7	1	4								1	31	4	0	A.		
Texas	80	T.		2														2	1	1												8	2	6	27	T.		
Utah	40	T.																1															3	2	2	0	T.	
Vermont	15	T.																															0	0	0	0	A.	
Virginia	43	T.																1	2	1													3	7	6	6	A.	
Washington	50	T.																3		1	4	1										1	1	1	1	A.		
West Virginia	46	T.																4	1														5	4	4	5	T.	
Wisconsin	63	T.																4	1														8	0	0	0	A.	
Wyoming	19	T.																														1	1	1	0	T.		
Sums	2,850	T.	2	11	3	2	0	1	38	4	60	15	22	20	63	59	65	51	4	1	1	23	11	3	2	28	41	147	9	24	37	20	14	100	6	974	241	T.
		A.	2	2	3	1	3	4	4	2	1	3	3	0	17	36	12	59	4	10	8	4	14	5	10	28	4	8	1	1	1	1	1	0	0	0	T.	

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, March, 1895.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.																		Monthly summary.	
		A. M.									P. M.									Instrumental record.	
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual	Possible	Percent of possible.	Personal estimate.
Atlanta, Ga.	T.	78	48	49	58	66	65	78	81	80	78	77	69	65	61	49	50	242.6	371.9	65	50
Baltimore, Md.	T.	50	41	55	66	77	78	80	84	79	77	73	73	75	52	61	260.8	371.6	58	58	
Bismarck, N. Dak.	T.	25	48	53	57	74	70	60	57	57	59	50	47	46	41	312.0	370.0	58	58		
Boston, Mass.	T.	88	55	58	58	64	67	67	65	66	63	62	50	46	41	214.9	371.8	58	58		
Buffalo, N. Y.	T.	17	20	38	55	68	71	71	73	75	75	75	70	57	43	205.1	370.4	48	48		
Chicago, Ill.	T.	67	51	55	66	77	82	82	85	85	85	85	74	65	56	238.8	371.3	58	58		
Cincinnati, Ohio	T.	77	49	47	56	67	70	71	71	71	71	71	71	71	51	47	211.6	371.3	48	48	
Cleveland, Ohio	T.	42	35	36	35	38	40	40	42	39	41	41	41	45	38	46	148.6	371.1	48	48	
Columbus, Ohio	T.	58	46	47	55	57	64	64	65	66	66	66	59	51	59	207.7	372.0	48	48		
Denver, Colo.	T.	50	68	65	70	74	81	81	78	78	78	78	72	70	56	261.1	371.1	49	49		
Des Moines, Iowa	T.	67	67	65	65	76	71	71	71	71	71	71	67	62	44	239.3	371.7	49	49		
Detroit, Mich.	T.	0	11	35	56	71	71	71	71	71	71	71	71	71	54	40	216.8	369.8	45	45	
Dodge City, Kans.	T.	45	58	58	74	77	80	80	80	80	80	80	74	65	45	206.5	371.8	48	48		
Eastport, Me.	T.	87	54	54	54	58	58	58	51	45	49	45	45	43	47	189.1	370.6	51	51		
Galveston, Tex.	T.	48	36	36	51	58	58	58	66	61	67	66	64	55	45	192.2	373.0	55	55		
Helena, Mont.	T.	38	49	57	65	73	73	73	70	69	69	69	69	59	43	227.7	370.5	61	57		
Kansas City, Mo.	T.	42	60	69	75	75	72	71	68	68	67	62	59	52	47	239.9	371.5	66	54		
Key West, Fla.	T.	87	74	73	81	90	95	98	98	98	98	98	98	98	55	313.0	373.7	61	55		
Little Rock, Ark.	T.	50	39	39	45	49	58	58	58	58	58	58	58	58	55	192.2	371.9	57	55		
Louisville, Ky.	T.	75	51	50	52	58	68	68	69	69	69	69	68	68	54	212.8	371.6	57	55		
Marquette, Mich.	T.	2	37	54	73	100	100	100	98	97	97	99	99	98	52	304.3	370.3	44	44		
Memphis, Tenn.	T.	60	37	41	48	47	52	52	52	55	55	55	53	47	45	180.8	371.7	49	47		
New Haven, Conn.	T.	67	43	49	62	68	70	70	70	77	77	77	77	77	55	225.2	371.4	61	52		
New Orleans, La.	T.	43	21	30	43	51	61	61	61	61	61	61	61	60	52	200.6	373.8	54	54		
New York, N. Y.	T.	58	33	44	64	71	71	71	71	71	71	71	71	71	59	228.9	371.8	63	44		
Norfolk, Va.	T.	18	39	50	60	68	68	68	72	72	72	72	72	72	57	225.4	372.2	61	55		
Philadelphia, Pa.	T.	75	50	51	52	58	68	68	68	68	68	68	68	68	55	213.2	371.5	57	55		
Portland, Me.	T.	62	44	55	66	71	81	81	88	88	88	88	88	88	55	251.9	370.8	68	42		
Portland, Oreg.	T.	0	10	21	32	36	56	56	56	56	56	56	56	56	52	168.9	371.0	46	46		
Do.	T.	0	9	21	32	36	54	54	54	54	54	54	54	54	52	178.3	371.0	48	46		
Rochester, N. Y.	T.	50	45	44	57	61	65	65	65	65	65	65	65	65	55	211.9	370.2	57	55		
St. Louis, Mo.	T.	43	46	53	62	73	73	73	73	73	73	73	73	73	55	256.7	371.7	69	55		
Salt Lake City, Utah.	T.	25	38	45	65	65	65	65	65	65	65	65	65	65	55	228.6	370.7	63	39		
Do.	T.	22	32	35	46	58	73	73	73	73	73	73	73	73	55	227.7	370.7	61	59		
San Diego, Cal.	T.	0	23	23	35	46	58	58	58	58	58	58	58	58	55	221.0	371.8	59	49		
San Francisco, Cal.	T.	0	17	38	53	75	79	79	91	91	90	90	90	90	55	253.5	371.8	68	49		
Santa Fe, N. Mex.	T.	40	61	74	81	86	88	88	86	77	77	77	77	77	55	270.7	372.1	75	57		
Savannah, Ga.	T.	22	41	52	58	59	62	64	64	66	66	66	66	66	55	214.8	372.4	58	54		
Seattle, Wash.	T.	0	15	16	24	51	63	63	70	73	73	73	73	73	55	185.7	369.6	46	35		
Spokane, Wash.	T.	47	49	50	62	62	59	61	54	54	54	54	54	54	41	196.6	370.0	53	35		
Tucson, Ariz.	T.	83	78	78	80	82	82	80	78	78	78	78	78	78	49	298.5	372.6	80	60		
Vicksburg, Miss.	T.	56	86	86	88	88	85	70	71	71	71	71	71	71	49	234.1	372.2	63	53		
Washington, D. C.	T.	88	88	86	86	92	54	58	65	66	71	70	60	54	47	220.4	371.9	58	58		
Wilmington, N. C.	T.	40	35	42	54	58	65	66	64	55	55	55	55	55	47	195.7	372.4	58	58		

TABLE XII.—Hourly precipitation, March, 1895.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Total.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Total.
Atlanta, Ga.	0.88	0.60	0.14	0.06	0.15	0.71	0.29	0.30	0.72	0.28	0.26	0.45	0.44	0.22	0.06	0.10	0.20	0.24	0.35	0.41	0.14	0.31	0.12	0.32	7.26
Baltimore, Md.	0.05	0.08	0.15	0.18	0.08	0.06	0.09	0.10	0.08	0.10	0.11	0.13	0.18	0.27	0.24	0.19	0.12	0.14	0.14	0.07	0.02	0.01	0.01	0.08	2.94
Boston, Mass.	0.10	0.08	0.15	0.26	0.32	0.21	0.05	0.08	0.05	0.08	0.07	0.06	0.05	0.07	0.05	0.19	0.15	0.10	0.05	0.08	0.11	0.16	0.05	0.08	2.75
Buffalo, N. Y.	0.06	0.03	0.06	0.13	0.20	0.07	0.07	0.08	0.06	0.08	0.06	0.05	0.08	0.02	0.08	0.07	0.05	0.11	0.07	0.07	0.02	0.08	0.05	0.08	1.63
Cincinnati, Ohio*	0.18	0.11	0.10	0.10	0.10	0.08	0.13	0.11	0.09	0.08	0.05	0.07	0.08	0.02	0.04	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	1.51
Cleveland, Ohio*	0.02	0.02	0.02	0.02	0.06	0.05	0.10	0.10	0.05	0.05	0.03	0.03	0.09	0.10	0.12	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.24
Detroit, Mich.*	0.08	0.08	0.07	0.11	0.12	0.04	0.06	0.06	0.10	0.15	0.18	0.16	0.11	0.08	0.05	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.69
Dodge City, Kans.*	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	1.31
Eastport, Me.*	0.02	0.06	0.10	0.19	0.10	0.11	0.17	0.19	0.24	0.27	0.22	0.23	0.25	0.20	0.05	0.03	0.02	0.01	0.06	0.11	0.04	0.01	0.01	0.01	2.90
Galveston, Tex.	T.	T.	T.	0.01	0.18	0.52	0.34	0.08	0.07	0.07	0.02	0.08	0.45	0.02	0.08	0.10	0.18	0.07	0.16	0.08	0.13	0.05	0.08	T.	2.81
Indianapolis, Ind.*	0.10	0.05	0.03	0.04	0.06	0.01	0.07	0.04	T																

TABLE XIII.—*Excessive precipitation, by stations, for March, 1895.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	
<i>Alabama.</i>						
Brewton	Inches. 2.50	14	Ins.	h.m.		
Carrolton	2.60	10-11	2.27	2 00	19	
Eufaula <i>a</i>	10.39	3.47	12-13	2.38	2 00	7
Do	3.70	13				
Fort Deposit	10.98	3.13	13-14			
Highland Home	10.47	4.10	30-31	1.25	1 00	14
Mobile	2.75	13-14	1.25	1 00	14	
Montgomery	3.30	15-16				
Oxanna	2.52	19-20				
Scottsboro	12.12	3.50	12			
Starlington	10.90	2.50	11			
Union Springs	2.60	14				
Do	2.90	19-20				
Valley Head						
<i>Arkansas.</i>						
Kirby	8.25	5-6				
<i>California.</i>						
Bowmans Dam	4.00	27				
Chino	2.87	27				
Colegrove	2.71	27-28				
Edmonton	10.59					
Fordyce Dam	10.61	4.00	27			
Middletown	2.72	21				
Pasadena	2.65	27-28				
Upper Mattole	10.20	3.20	19-20			
Engineers Quarters	3.76	27				
Morses House <i>a</i>	12.54					
Grass Valley <i>a</i>	10.18	5.89	27-28			
Green Valley <i>a</i>	5.01	27-28				
Deep Creek <i>a</i>	4.54	27-28				
<i>Florida.</i>						
Pensacola	8.72	31				
<i>Georgia.</i>						
Athens <i>a</i>	2.53	1				
Augusta	2.56	7				
Columbus	10.60	4.46	18-19			
Covington	3.38	15-16				
Hephzibah	2.70	7				
Do	2.50	15				
Marshallville	10.33	3.12	8			
Do	2.50	15				
Piscola	2.75	7-8				
Resaca	2.74	19-20				
Reynolds	10.86	2.50	7-8			
Do	2.95	14				
Whitesburg	3.94	1-2				
Do	3.97	15-16				
<i>Louisiana.</i>						
Alexandria			2.00	1 00	2	
Cameron	2.70	1				
Covington	2.70	30-31				
Emile	4.04	30-31	3.33	3 00	30	
Lawrence	2.50	30				
Paincourtville	2.76	30				
Rayne	2.64	1				
Wallace	2.56	30				
<i>Mississippi.</i>						
Aberdeen	3.10	20				
Bay St. Louis	2.26	30				
Biloxi	3.60	29-30				
Brookhaven			1.64	1 20	14	
Meridian			1.12	1 00	20	
Moss Point	3.00	12				
Do	4.45	30-31				
Natchez	3.00	1				
<i>Missouri.</i>						
McCune	3.00	30				
Nevada	2.78	19				
Springfield			1.00	0 52	30	
<i>North Carolina.</i>						
Falkland	2.61	20				
Pantego	2.60	20				
Selma	2.60	20				
Skyuka	5.32	2				
<i>Oregon.</i>						
Bandon	12.10	2.77	19			
Do	3.05	23				
Gardiner	10.35	2.49	23			
Glenora	11.54					

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Day.	
<i>Oregon—Cont'd.</i>						
Langlois	Inches. 13.07	3.10		19		
Do		2.64		23		
Nehalem	11.54	3.28		21		
Newport						
<i>Tennessee.</i>						
Jackson		2.70		19		
Mount Carmel		2.81		19-20		
Rugby		3.12		19-20		
<i>Texas.</i>						
Wichita Falls						
<i>Washington.</i>						
East Clallam	12.40	2.52	26-27			
Neah Bay	13.09	4.08	19			
Tatoosh Island	10.43	2.50	19			
<i>Wyoming.</i>						
Fort Washakie		8.80	30			

* Stations of the Arrowhead Reservoir Co.

TABLE XIV.—*Maximum rainfall in one hour or less, March, 1895.*

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
Atlanta, Ga.	Inch. 0.28	20	Inch. 0.32	20	Inch. 0.63	20
Baltimore, Md.	0.03	13	0.04	13	0.12	13
Bismarck, N. Dak.*						
Boston, Mass.	0.02	14	0.04	14	0.19	14
Buffalo, N. Y.	0.03	25	0.04	25	0.14	25
Chicago, Ill.*						
Cincinnati, Ohio*	0.02	7	0.04	7	0.09	15
Cleveland, Ohio*	0.01	1, 13	0.02	1, 13	0.09	1
Denver, Colo.*						
Detroit, Mich.*	0.06	19	0.09	19	0.24	19
Dodge City, Kans.*						
Duluth, Minn.*						
Eastport, Me.*	0.03	14	0.05	14	0.28	14
Galveston, Tex.	0.19	30	0.32	30	0.51	30
Indianapolis, Ind.*	0.03	31	0.05	31	0.18	31
Jacksonville, Fla.	0.45	12	0.58	12	0.73	2
Jupiter, Fla.	0.18	2	0.27	2	0.78	2
Kansas City, Mo.*						
Key West, Fla.	0.18	1	0.25	1	0.64	1
Little Rock, Ark.	0.15	7, 30	0.25	7	0.66	30
Louisville, Ky.*						
Marquette, Mich.*						
Memphis, Tenn.	0.17	15	0.20	15	0.68	19
Milwaukee, Wis.*						
Nantucket, Mass.*	0.11	7	0.14	7	0.39	7
Nashville, Tenn.*	0.10	20	0.17	20	0.53	20
New Orleans, La.						
New York, N. Y.*						
Norfolk, Va.	0.07	16	0.11	16	0.28	16
Omaha, Nebr.*						
Philadelphia, Pa.*	0.03	18	0.04	18	0.15	18
Portland, Me.*	0.02	2, 7	0.04	2, 7	0.10	2
Portland, Oreg.	0.03	21, 27	0.04	21, 27	0.15	21
Rochester, N. Y.*						
St. Louis, Mo.*						
St. Paul, Minn.	0.05	30	0.08	30	0.18	30
Salt Lake City, Utah*						
San Diego, Cal.	0.08	18	0.11	18	0.17	18
San Francisco, Cal.	0.07	20, 28	0.12	20, 28	0.22	20
Savannah, Ga.	0.22	18	0.27	12, 18	0.54	11
Seattle, Wash.*	0.05	27	0.08	27	0.30	27
Vicksburg, Miss.	0.20	19	0.32	19	0.85	19
Washington, D. C.	0.03	8	0.05	8	0.17	8
Wilmington, N. C.	0.11	8	0.15	8	0.29	8

* Record incomplete.